

110-01
012-117

CR-203664

Report 10515
1 April 1996

GENCORP
AEROJET

**Integrated
Advanced Microwave Sounding Unit A-2 (AMSU-A2)
EOS Stress Analysis Report**

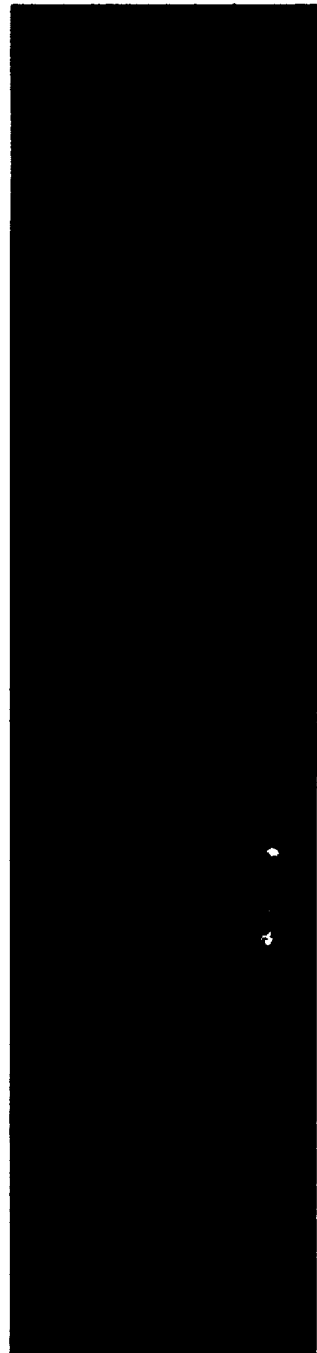
**Contract: NAS5-32314
CDRL: 113**

Submitted to:

**National Aeronautics and Space Administration
Goddard Space Flight Center
Greenbelt, Maryland 20771**

Submitted by:

**Aerojet
1100 West Hollyvale Street
Azusa, California 91702**



Aerojet

**Report 10515
1 April 1996**

**Integrated
Advanced Microwave Sounding Unit A-2 (AMSU-A2)
EOS Stress Analysis Report**

**Contract: NAS5-32314
CDRL: 113**

Submitted to:

**National Aeronautics and Space Administration
Goddard Space Flight Center
Greenbelt, Maryland 20771**

Submitted by:

**Aerojet
1100 West Hollyvale Street
Azusa, California 91702**

TABLE OF CONTENTS

Sections		Page
1	INTRODUCTIONS.....	1
1.1	Identification.....	1
1.2	Purpose and objectives	1
1.3	Document status and schedule.....	1
2	RELATED DOCUMENTATION.....	2
2.1	Parent document	2
2.2	Applicable documents	2
3	SUMMARY	3
4	METHOD OF ANALYSIS.....	4
5	RESULTS	5
6	CONCLUSION	6

TABLES

Table		Page
I	Summary Margins of Safety - Design Limit Loads	7
II	Summary Margins of Safety - Random Vibration Loading	8
III	Qualification Level Random Vibration - Rattlespace Summary, 3 Sigma.....	9
IV	Stiffness - Equilibrium Final Results	10
V	Qualification Level Random Vibration - Peak Stress Results	11
VI	EOS/AMSU-A2 Peak Accelerations	11
VII	Qualification Level Random Vibration - Peak Axial Force, Mounting Screws	12

FIGURES

Figure		Page
1	EOS/AMSU-A2 Finite Element Model.....	13
2	EOS/AMSU-A2 Finite Element Model Hidden Line View	14
3	EOS/AMSU-A2 Finite Element Model Hidden Line View	15
4	EOS/AMSU-A2 Model Mass Properties.....	16
5	RF Shelf Support Side Panel Modification	17
6	Boundary Restraint Grid Points.....	18
7	Random Vibration Input Spectrum.....	19
8	Rattlespace Locations.....	20
9	EOS/AMSU-A2 Model First Mode Shape	21
10	EOS/AMSU-A2 Model First Mode Shape, YZ Plane.....	22
11	EOS/AMSU-A2 Model Second Mode Shape	23

FIGURES (Continued)

Figure		Page
12	EOS/AMSU-A2 Model Second Mode Shape, YZ Plane.....	24
13	EOS/AMSU-A2 Model Third Mode Shape.....	25
14	EOS/AMSU-A2 Model Third Mode Shape YZ Plane.....	26
15	RF Shelf Support Side Panel (Dwg 1331245) Reinforced Lower Flange	27
16	Mounting Screw Peak Force Location	28

SECTION 1

INTRODUCTION

This stress analysis report for the EOS/Advanced Microwave Sounding Unit-A (AMSU-A), A2 module, reports the structural margins of safety and natural frequency predictions for the AMSU-A2 instrument.

1.1 IDENTIFICATION

This is the stress analysis report for the EOS/Advanced Microwave Sounding Unit-A (AMSU-A), A2 module. This report is submitted to fulfill the requirements of Contract NAS 5-32314, CDRL 113, Stress Analysis Report, for the EOS/AMSU-A2 module.

1.2 PURPOSE AND OBJECTIVES

The purpose of this analysis is to show that the AMSU-A2 instrument exhibits positive structural margins of safety when subjected to the loading environments specified in GSFC 422-11-12-01, General Interface Requirements Document (GIRD) for EOS Common Spacecraft/Instruments EOS PM Project.

1.3 DOCUMENT STATUS AND SCHEDULE

This is the final submittal of the Stress Analysis Report for the AMSU-A2 instrument.

SECTION 2

RELATED DOCUMENTATION

2.1 PARENT DOCUMENT

None

2.2 APPLICABLE DOCUMENTS

The following documents are referenced or applicable to this report. Unless otherwise specified, the latest issue is in effect.

National Aeronautics and Space Administration

GSFC 422-11-12-01	General Interface Requirements Document (GIRD) for EOS Common Spacecraft/Instruments EOS PM Project
GSFC 420-05-01	Earth Observing System (EOS) Performance Assurance Requirements for EOS General Instruments

Aerojet

Report 10390	EOS Structural Math Model, A2 Module
--------------	--------------------------------------

SECTION 3

SUMMARY

The EOS/AMSU-A2 primary structure exhibits positive margins of safety for the design limit load and qualification level random vibration environments specified in GSFC 422-11-12-01, 3.6 and 10.1. The margins of safety for the design limit load conditions are summarized in Table I. The lowest yield margin of safety occurs at the new machined baseplate with a value of 2.8. Based on the large margins of safety per the design limit loads, the AMSU-A2 instrument will maintain structural integrity in the EOS launch environment.

The random vibration margins of safety are summarized in Table II. The minimum yield margin of safety of 0.4 occurs at a rib in the baseplate. The warmload/reflector had a maximum relative displacement of 0.049 inch versus a minimum assembly drawing requirement of 0.05 inch.

The first structural natural frequency of the A2 instrument was found to be 105 Hz. The analysis demonstrates a 5 Hz margin over the 100 Hz threshold and therefore, the criteria of Section 3.4.3 of GSFC 420-05-01 is met. Consequently, a test-verified analytical model is not required for the A2 module and the deliverable math model can be a lumped-mass representation. The COI reflector was found to have a torsional mode at 122 Hz.

SECTION 4

METHOD OF ANALYSIS

The EOS/AMSU-A2 module is a modification of the METSAT/AMSU-A2 instrument. The momentum compensator has been removed and the resulting instrument has a predicted weight of 94 pounds.

The finite element model used in the analysis is the modified METSAT model with the compensator portion of the model removed. This model contains the COI composite reflector model, along with the new machined baseplate. The model is depicted in Figures 1 through 3. The resulting model mass properties are summarized in Figure 4. The weight of the EOS/AMSU-A2 model is 94.8 pounds.

The METSAT/AMSU-A2 stress analysis found the RF shelf support side panel (Drawing 1333379) to have a negative margin of safety for the qualification level random vibration loading. A local panel wall thickness increase of 0.010 inch at the area shown in Figure 5, resulted in a positive margin of safety. This panel is remodeled in the EOS/AMSU-A2 model and the new element and grid point numbers are presented in Appendix A.

The grid points at which boundary restraints are applied are shown in Figure 6. The restraints consist of fixing the Z axis translations at grid points 22783 through 22793 and the X, Y axes translations of grid points 22200 and 22458. The X restraints are coupled to the baseplate using a scalar spring element (Nastran element type CELAS1) of 1.57×10^6 lb/in. stiffness. This is the calculated stiffness of the #10 mounting screw and hardware.

The model was checked for compliance with the stiffness-equilibrium check of Section 11.1.4 of GSFC 422-11-12-01. The final results are shown in Table IV for the KFFRN matrix. The listed grid points are in the reflector hub area and have values of less than 5.0×10^{-5} . Numerous massless CBAR elements were used to arrive at the listed terms. All listed grid points have a CBAR element associated with them.

The design limit load requirement is specified in Section 3.6.3 of GSFC 422-11-12-01. Since the instrument weight will be less than 50 Kg (110 pounds), a design limit load factor of 15 g's will be used as noted in Figure 3-1 of GSFC 422-11-12-01. An ultimate and yield factor of safety 1.4 and 1.25, respectively, was used in the margin of safety calculations. The 15 g load factor was used in each separate load case for the three translation axes (X, Y, Z).

The qualification level random vibration loading is specified in Section 10.1 of GSFC 422-11-12-01. The input spectrum is shown in Figure 7 and the overall G_{rms} level is 9.97. The analysis will check for interference (rattlespace) at the locations shown in Figure 8. The response at points corresponding to accelerometer test locations shown in Figure 8, will be outputted along with all lump mass element locations.

SECTION 5

RESULTS

The design limit load results are summarized in Table I. Large positive margins of safety are evident at all major structural components. A minimum yield margin of safety of 2.8 occurs at the machined baseplate. Appendix B contains stress contour plots for all load cases analyzed. In Figure B26, Appendix B, the baseplate area at which the maximum principal stress of 7787 psi occurs is shown. Also included in the appendix is the analysis of the mounting hardware. A ultimate margin of safety of 3.1 is calculated for the #10 (.190-32 THD) mounting screw.

The normal modes analysis results are presented as deformed plots of the three lowest modes (Figure 9 through 14). The first mode is a rocking mode of the overall structure with a frequency of 105 Hz. The second mode of 122 Hz is a torsional mode of the composite reflector. The third mode of 144 Hz is a circuit card blending mode in the card cage.

The random vibration analysis is summarized in Table II. All major components have positive margins of safety. The peak stress at each component is summarized in Table V and the Nastran XY-output summary for each loading direction is included in Appendix C. The lowest margin of safety occurs at the baseplate, with a yield margin of 0.4.

A refined mesh model of the lower right-hand pocket of the RF shelf support side panel (Drawing 13312245) was created to check the effect of the local gussets added to stiffen the major side panels. The area modeled is shown in Figure 15. The analysis is enclosed in Appendix C. A peak stress of 18,476 psi was found at the #10 screw hole. The resulting yield margin of safety is 0.55.

The peak acceleration responses at points on the structure which correspond to accelerometer test locations are summarized in Table VI. The highest peak acceleration occurs at the main reflector and has a magnitude of 129 g for the Z axis loading. XY plots for the input and the four locations in the table are shown in Appendix C.

The peak rattlespace summary is shown in Table III. The maximum relative displacement occurs at location B in Figure 8. A 0.001 inch margin is shown based on the minimum gap between the reflector and warmload enclosure. At the circuit cards, the maximum rattlespace closure is 0.004 inch versus a static gap of 0.037 inch.

The peak axial forces occurring at the #10 mounting screws are summarized in Table VII. A peak force of 2090 pounds occurs at the location shown in Figure 16. The resulting ultimate margin of safety, based on AMS5731 steel (160,000 psi), is 0.09.

SECTION 6

CONCLUSION

The EOS/AMSU-A2 instrument has positive margins of safety for both the design limit load and the qualification level random vibration environments and therefore, the AMSU-A2 module will maintain structural integrity in the EOS launch environment.

Table I Summary Margins of Safety - Design Limit Loads

Components	Material	Allowable (psi)		Applied Stress (psi)		M.S. Yield	M.S. Ultimate
		Tu	Ty	Von Mises	Max Prin		
RF Shelf (Dwg 1331086)	Beryllium	47,000	35,000	903	1025	30	31.8
Front Panel (Dwg 1331214)	6061-T651	42,000	36,000	-----	3687	7.1	7.1
Rear Panel, Shelf Support (Dwg 1331215)	6061-T651	42,000	36,000	1228	1118	22.5	25.8
Side Panel, Shelf Support (Dwg 1331217)	6061-T651	42,000	36,000	888	783	31.4	37.3
Side Panel, Shelf Support (Dwg 1331218)	6061-T651	42,000	36,000	2857	2685	9.1	10.2
Warmload Shelf (Dwg 1331222)	6061-T651	42,000	36,000	753	840	37.2	34.7
Side Panel, Shelf Support (Dwg 1331245)	6061-T651	42,000	36,000	1762	1252	15.3	23.0
Side Panel, Shelf Support (Dwg 1333379)	6061-T651	42,000	36,000	1250	701	22.0	41.8
End Panel (Dwg 1333380)	6061-T651	42,000	36,000	1301	1252	21.1	23.0
Motor Output Shaft (Dwg 133654)	CRES 303 Annealed	85,000	35,000	----	1735	15.1	34.0
Baseplate (Dwg 1356968)	6061-T651	42,000	36,000	7642	7787	2.8	2.9
Circuit Cards	GX Fiber- glass	40,000	24,000	641	519	29.0	54.1
Card Cage (Dwg 1331330)	6061-T651	42,000	36,000	1983	2287	13.5	12.1
Note: yield factor of safety = 1.25 ultimate factor of safety = 1.4							

Table II Summary Margins of Safety - Random Vibration Loading

Components	Material	Allowable (psi)		Applied Stress (psi)	M.S. Yield	M.S. Ultimate
		Tu	Ty			
RF Shelf (Dwg 1331086)	Beryllium	47,000	35,000	7603	2.7	3.4
Front Panel (Dwg 1331214)	6061-T651	42,000	36,000	2175	12.2	12.8
Rear Panel, Shelf Support (Dwg 1331215)	6061-T651	42,000	36,000	2985	8.6	9.1
Side Panel, Shelf Support (Dwg 1331217)	6061-T651	42,000	36,000	9540	2.0	2.1
Side Panel, Shelf Support (Dwg 1331218)	6061-T651	42,000	36,000	7905	2.6	2.8
Warmload Shelf (Dwg 1331222)	6061-T651	42,000	36,000	13,212	1.2	1.3
Side Panel, Shelf Support (Dwg 1331245)	6061-T651	42,000	36,000	7791	2.7	2.9
Side Panel, Shelf Support (Dwg 1333379)	6061-T651	42,000	36,000	4842	4.9	5.2
End Panel (Dwg 1333380)	6061-T651	42,000	36,000	2706	9.6	10.1
Motor Output Shaft (Dwg 133654)	CRES 303 Annealed	85,000	35,000	10,839	1.6	4.6
Baseplate (Dwg 1356968)	6061-T651	42,000	36,000	20,091	0.4	0.5
Circuit Cards	GX Fiber- glass	40,000	24,000	2160	7.9	12.2
Card Cage (Dwg 1331330)	6061-T651	42,000	36,000	9868	1.9	2.0
Note: yield factor of safety = 1.25 ultimate factor of safety = 1.4						

Table III Qualification Level Random Vibration - Rattlespace Summary, 3 Sigma

Rattlespace Location () - 5 Point ID	Random X (in.)	Vibration Y (in.)	Axis Z (in.)	Rattlespace Clearance (in.)
Warmload/Reflector Loc. A (23658)	0.037	0.039	0.008	0.05
Warmload/Reflector Loc. B (23659)	0.010	0.008	0.049	0.05
Warmload/Reflector Loc. C (23660)	0.041	0.042	0.009	0.05
Secondary Housing/Reflector, Loc. D (23661)	0.041	0.042	0.009	0.05
Secondary Housing/Reflector, Loc. D (23662)	0.042	0.024	0.009	0.05
Secondary Housing/Reflector, Loc. F (23663)	0.032	0.061	0.012	0.095
Circuit Card	0.002	0.003	0.004	0.037

Table IV Stiffness - Equilibrium Final Results

POINT	KFFRN VALUE	POINT	VALUE	POINT	VALUE	POINT	VALUE	POINT	VALUE
COLUMN	1 (22644-T1) .								
COLUMN	2 (22644-T2) .								
COLUMN	3 (22644-T3) .								
COLUMN	4 (22644-R2) .								
COLUMN	5 (22644-R3) .								
25375 T3	4.76049E-05	25377 T3	1.21161E-05	25390 T3	4.76049E-05	25392 T3	1.21161E-05	25406 T3	4.76556E-05
25408 T3	1.21131E-05	25423 T3	4.76556E-05	25425 T3	1.21131E-05				
COLUMN	6 (20650-T1) .								
25377 T2	-1.21079E-05	25379 T2	-4.76279E-05	25392 T2	-1.21079E-05	25394 T2	-4.76279E-05	25408 T2	-1.21121E-05
25410 T2	-4.76708E-05	25425 T2	-1.21121E-05	25427 T2	-4.76708E-05				

Table V Qualification Level Random Vibration - Peak Stress Results

Component	Vib. Axis	Element ID	Applied Stress (1 sigma) (psi)	Peak Stress (3 sigma) (psi)
RF Shelf (1331086)	Z	2156	2,534	7,603
Front Panel (1331214)	X	22745	725	2175
Rear Panel (1331215)	X	3273	995	2985
Side Panel (1331217)	X	22840	3180	9540
Side Panel (1331218)	Y	22801	2635	7905
Warmload Shelf (1331222)	Z	2627	4404	13212
Side Panel (1331245)	X	20023	2597	7791
Side Panel (1333379)	Y	26443	1614	4842
End Panel (1333380)	X	2049	902	2706
Motor Output Shaft (1333654)	Y	2541	3613	10839
Baseplate (1356949)	Y	22594	6697	20091
Circuit Cards	Y	21783	720	2160
Card Cage (1331330)	Z	21355	3289	9868

Table VI EOS/AMSU-A2 Peak Accelerations

Location () Grid Point ID	X Axis			Y Axis			Z Axis		
	X (g)	Y (g)	Z (g)	X (g)	Y (g)	Z (g)	X (g)	Y (g)	Z (g)
RF Enclosure (2086)	42.9	38.9	20.2	40.8	39.1	14.2	40.4	25.7	67.2
Front Motor Panel (2173)	76.3	48.8	25.4	62.4	59.7	8.7	49.5	38.9	48.2
Secondary Housing (2441)	101.4	51.4	21.2	70.0	40.7	20.1	113.2	40.9	53.9
Main Reflector (26206)	88.5	64.4	97.9	40.8	81.2	71.9	91.3	109.9	129.4

Table VII Qualification Level Random Vibration - Peak Axial Force, Mounting Screws

Celas 1 Element ID	Random Vibration Axis		
	X (lb.)	Y (lb.)	Z (lb.)
22894	2090	1647	420
22895	287	379	291
22896	1150	1308	718
22897	2069	1652	551
22898	593	467	214
22899	265	211	194
22900	215	196	204
22901	545	504	345
22902	1246	1008	350
22903	798	1028	323
22904	1856	1448	321

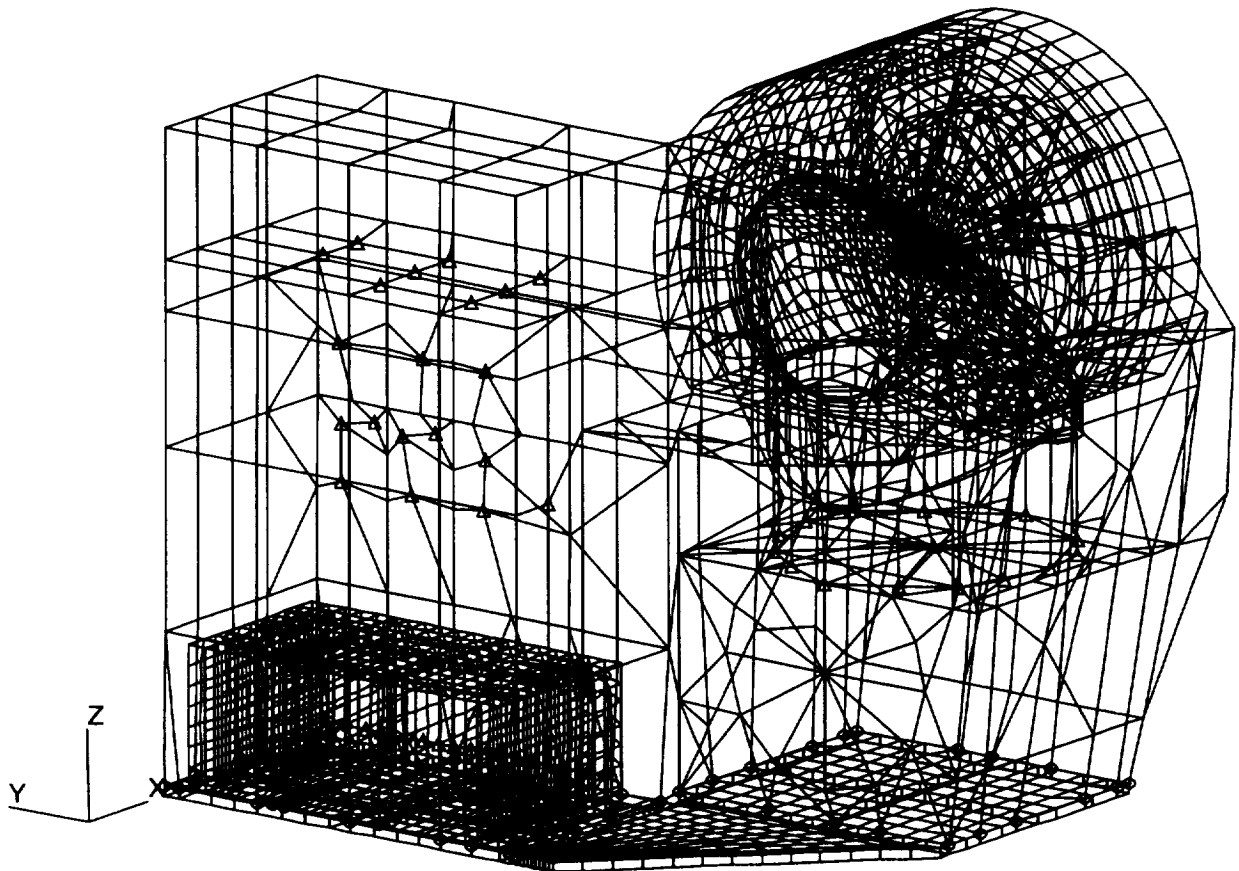


Figure 1 EOS/AMSU-A2 Finite Element Model

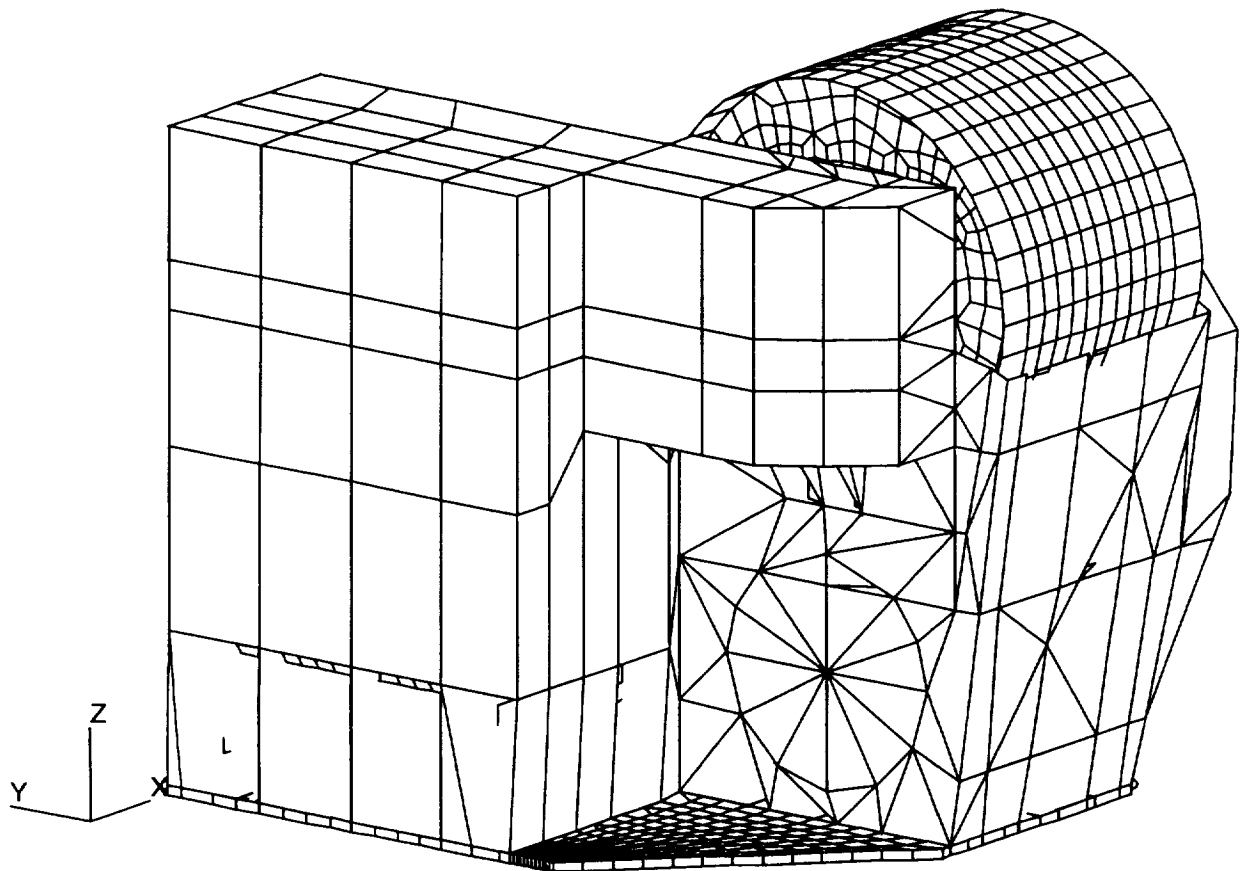


Figure 2 EOS/AMSU-A2 Finite Element Model Hidden Line View

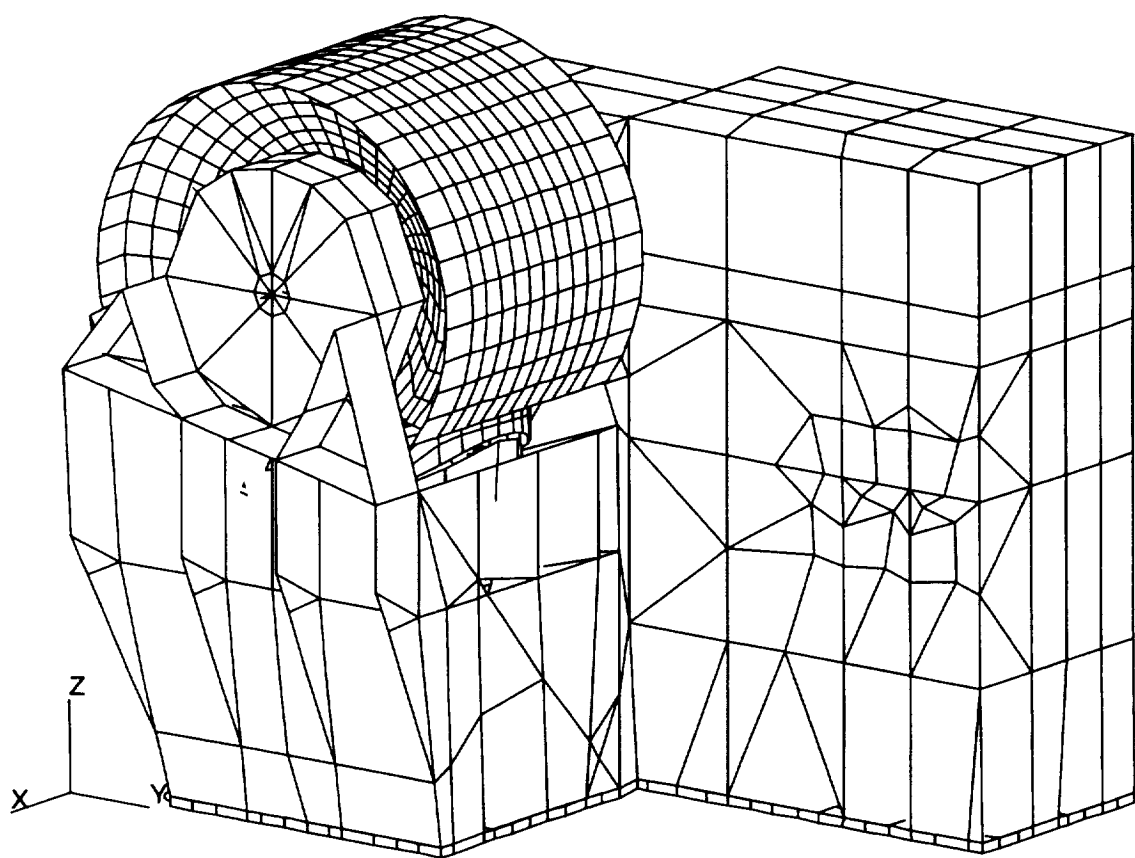


Figure 3 EOS/AMSU-A2 Finite Element Model Hidden Line View


```

OUTPUT FROM GRID POINT WEIGHT GENERATOR

REFERENCE POINT = 0
M O
* 9.479467E+01 1.301056E-18 -3.673624E-18 -4.339862E-18 1.133071E+03 -9.635465E+02 *
* 1.301056E-18 9.479467E+01 -1.721171E-18 -1.133071E+03 1.537999E-17 -9.692979E+01 *
* -3.673624E-18 -1.721171E-18 9.479467E+01 9.635465E+02 9.692979E+01 -7.993854E-18 *
* -4.339862E-18 -1.133071E+03 9.635465E+02 3.325445E+04 4.664735E+03 3.718657E+02 *
* 1.133071E+03 1.537999E-17 9.692979E+01 4.654735E+03 2.312373E+04 -1.071369E+04 *
* -9.635465E+02 -9.692979E+01 -7.993854E-18 3.718657E+02 -1.071369E+04 2.062231E+04 *
S
* 1.000000E+00 0.000000E+00 0.000000E+00 *
* 0.000000E+00 1.000000E+00 0.000000E+00 *
* 0.000000E+00 0.000000E+00 1.000000E+00 *
DIRECTION
MASS AXIS SYSTEM (S) MASS X-C.G. Y-C.G. Z-C.G.
X 9.479467E+01 -4.573171E-20 1.016456E+01 1.195290E+01
Y 9.479467E+01 -1.022524E+00 1.622453E-19 1.195290E+01
Z 9.479467E+01 -1.022524E+00 1.016456E+01 -8.432809E-20
I (S)
* 9.916937E+03 -3.679487E+03 7.867262E+02 *
* -3.679487E+03 9.481135E+03 -8.034805E+02 *
* 7.867262E+02 -8.034805E+02 1.073977E+04 *
I (Q)
* 1.099339E+04 *
* 1.338515E+04 *
* 5.759297E+03 *
Q
* 1.446738E-01 7.285902E-01 6.694968E-01 *
* -1.662251E-01 6.848953E-01 -7.094278E-01 *
* -9.754173E-01 -8.551588E-03 2.201964E-01 *

```

Figure 4 EOS/AMSU-A2 Model Mass Properties

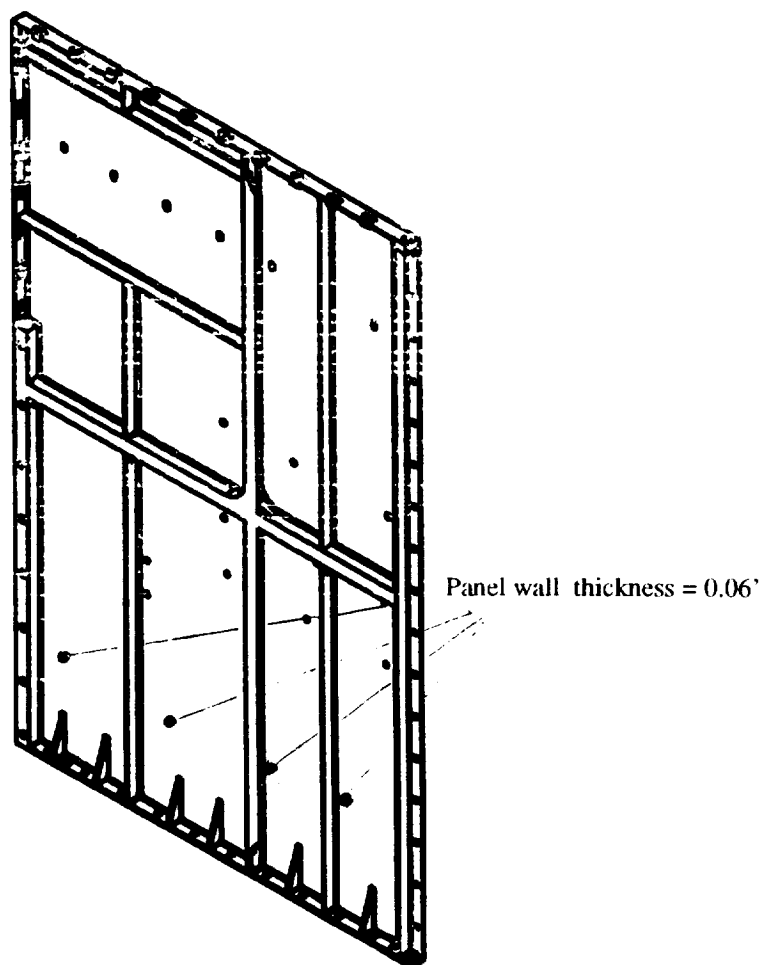


Figure 5 RF Shelf Support Side Panel Modification

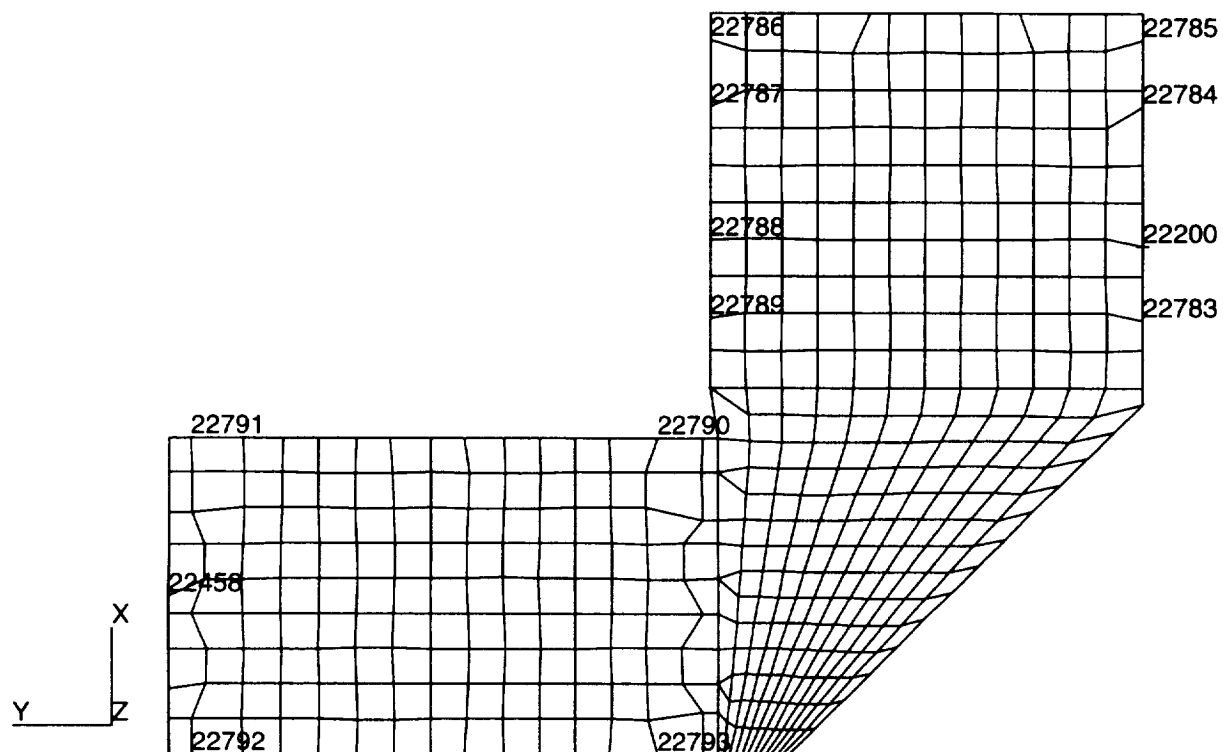


Figure 6 Boundary Restraint Grid Points

- EOS Qualification Levels (50 kg Instrument)

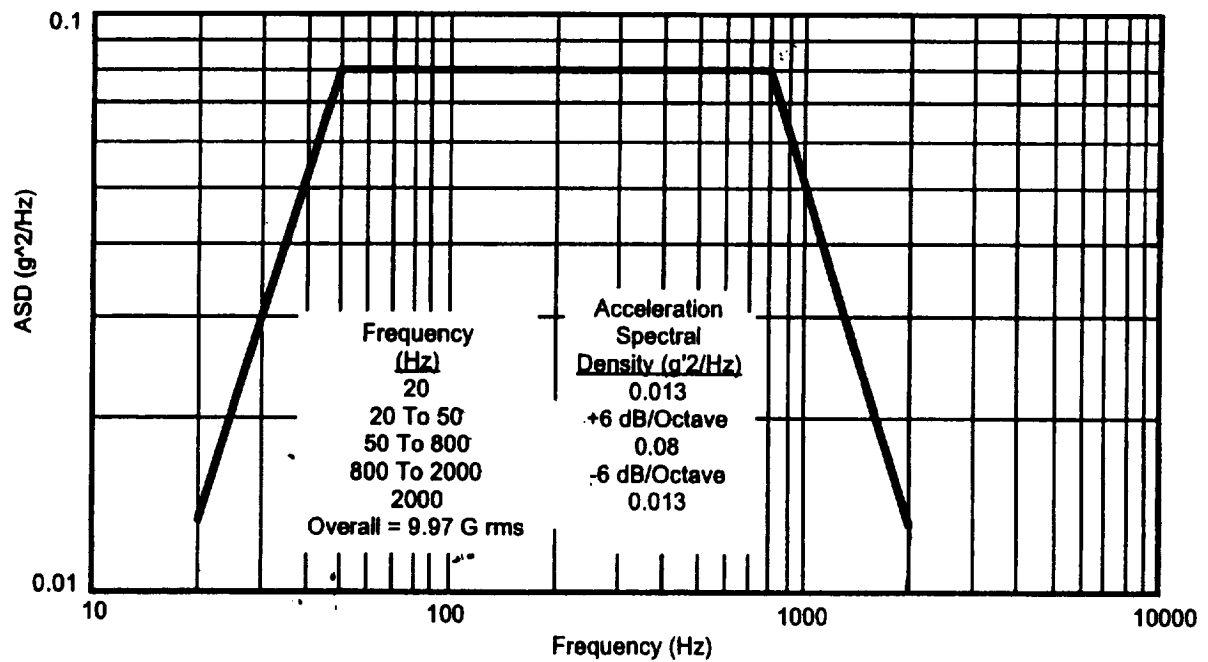


Figure 7 Random Vibration Input Spectrum

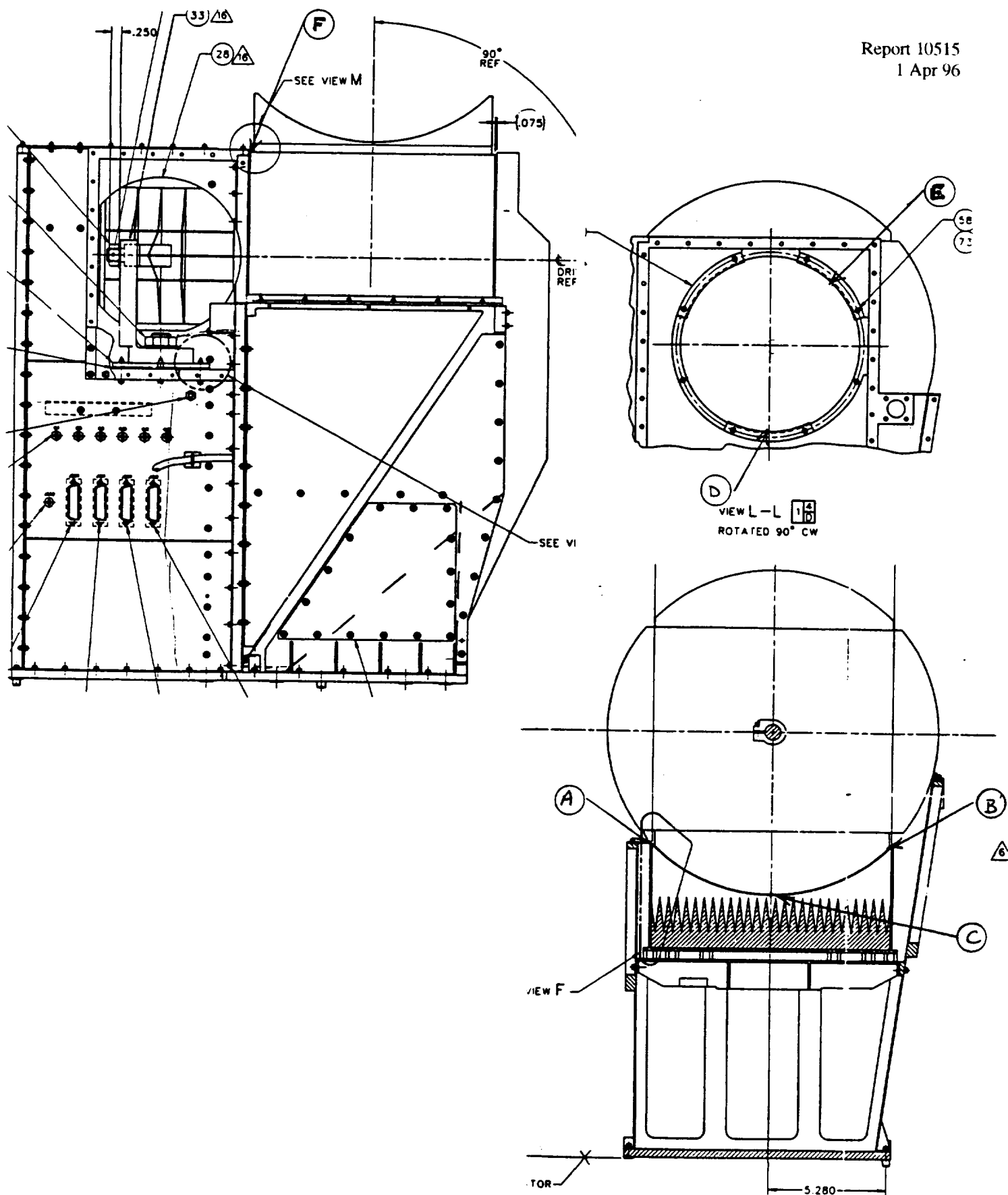


Figure 8 Rattlespace Locations

Time: 12:20:15
Date: 03/06/96
Eigenvalues
Translational
NORMAL MODES 0-150 HZ
Mode 4 : Frequency = 105.2 Hz
Max. Deformation =
4.604037E+00
Node 25814
Freq. = 105.2 Hz

Report 10515
1 Apr 96

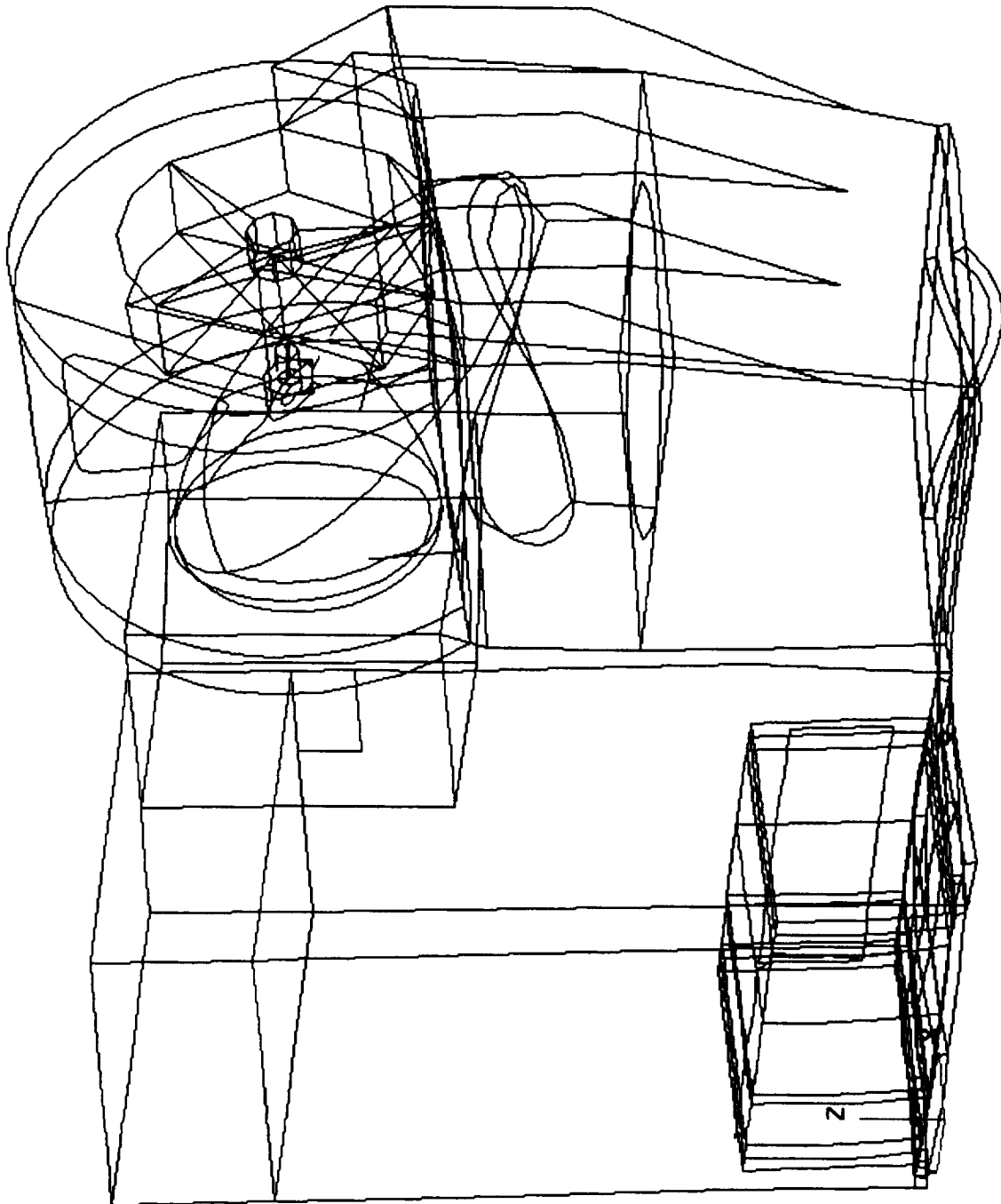


Figure 9 EOS/AMSU-A2 Model First Mode Shape

Time: 12:26:38

Date: 03/06/96

Eigenvalues

Translational

NORMAL MODES 0-150 HZ

Mode 4 : Frequency = 105.2

Max. Deformation =

4.604037E+00

@Node 25814

Freq. = 105.2 Hz

Report 10515

1 Apr 96

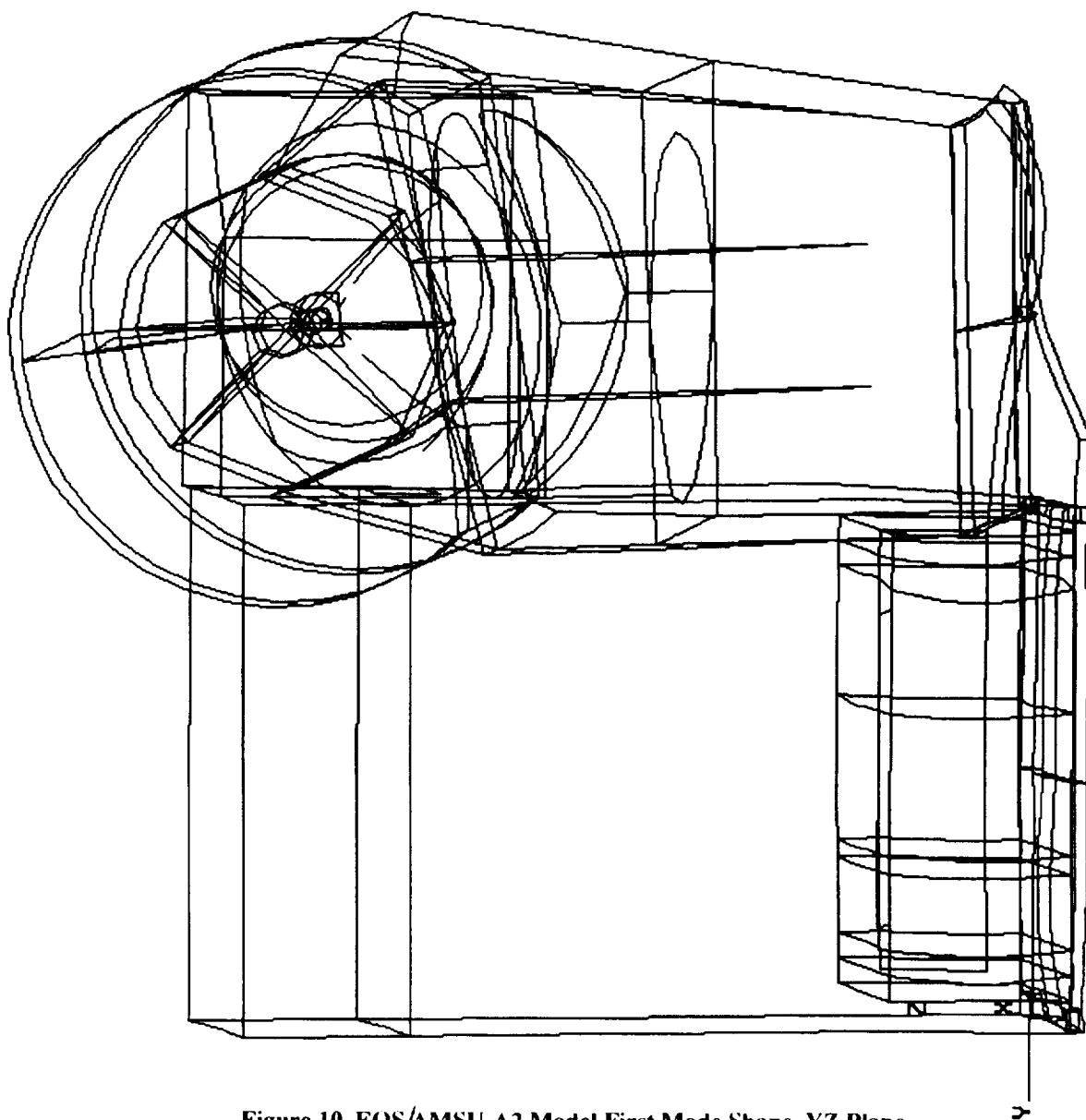


Figure 10 EOS/AMSU-A2 Model First Mode Shape, YZ Plane

Time: 12:29:42
Date: 03/06/96
Eigenvalues
Translational
NORMAL MODES 0-150 HZ
Mode 5 : Frequency = 121.8
Max. Deformation =
1.798460E+01
Node 25812

Freq. = 121.8 Hz

Report 10515
1 Apr 96

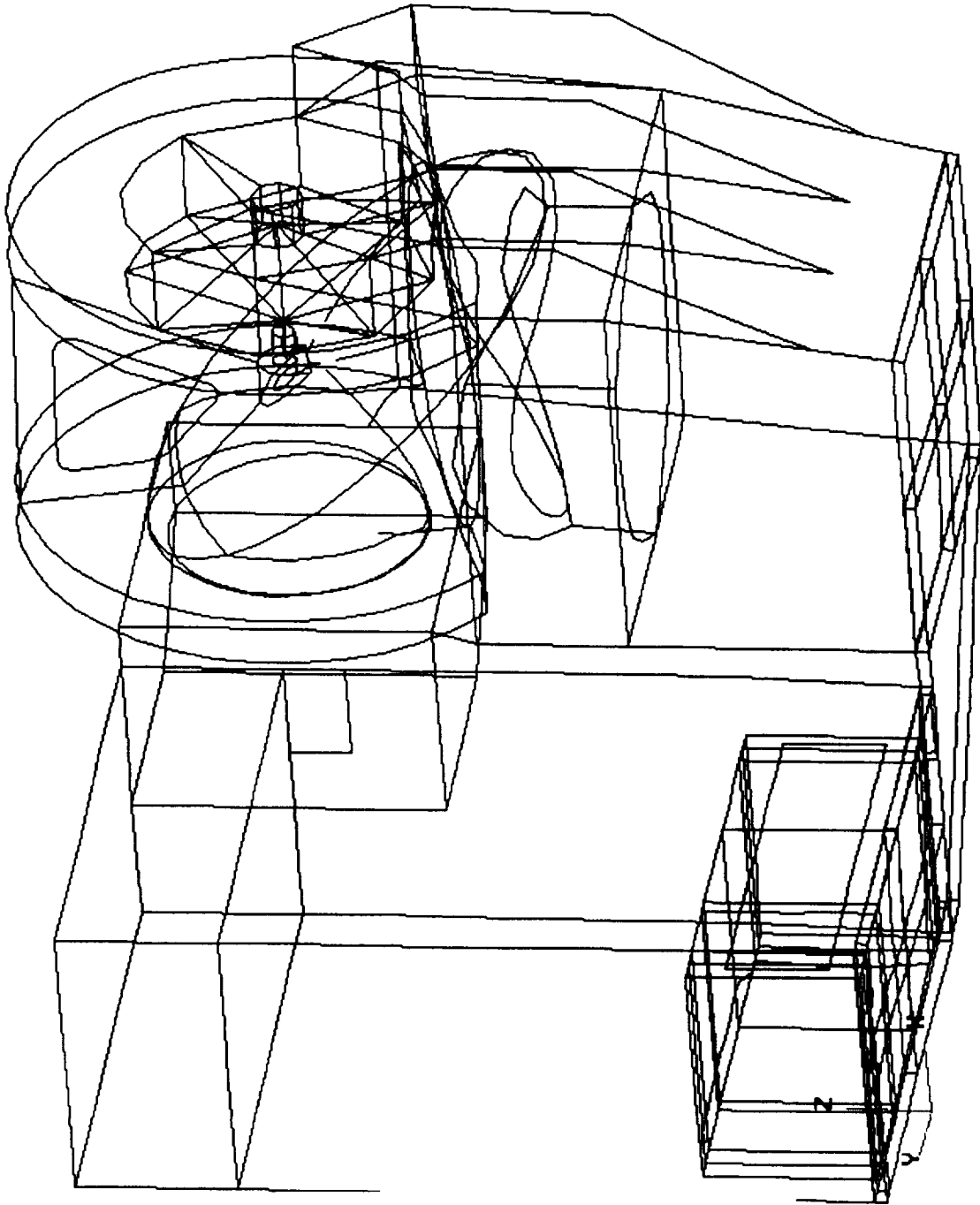
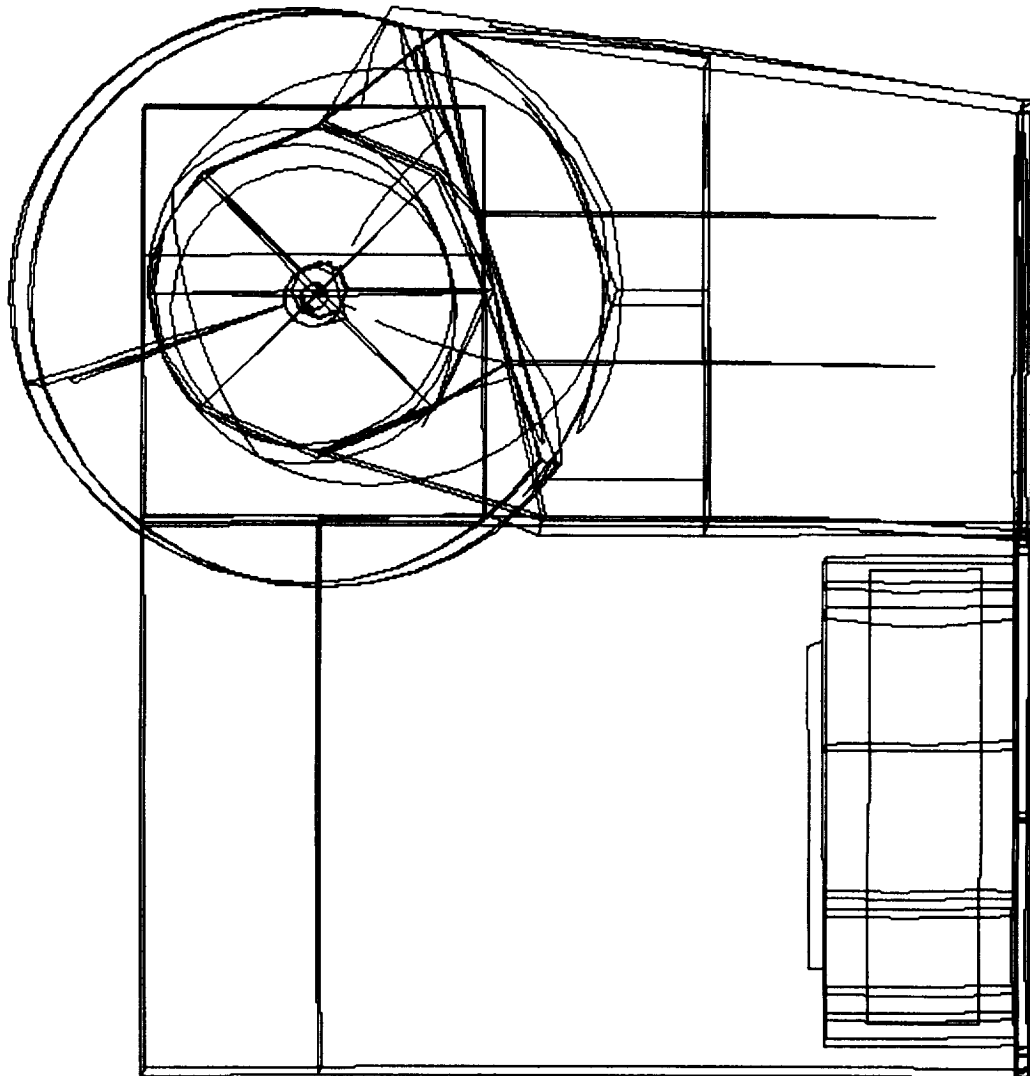


Figure 11 EOS/AMSU-A2 Model Second Mode Shape

Time: 07:20:39
 Date: 03/21/96
 Eigenvectors
 Translational
 NORMAL MODES 0-150 HZ
 Mode 5 : Frequency = 12
 Max. Deformation =
 1.798460E+01
 @Node 25812
 Freq. = 121.8 Hz

Report 10515
 1 Apr 96



Z
 X
 Y

Figure 12 EOS/AMSU-A2 Model Second Mode Shape, YZ Plane

Time: 12:31:51
Date: 03/06/96
Eigenvectors
Translational
NORMAL MODES 0-150 HZ
Mode 7 : Frequency = 144.3
Max. Deformation =
1.149856E+02
@Node 21543
Freq. = 144.3 Hz

Report 10515
1 Apr 96

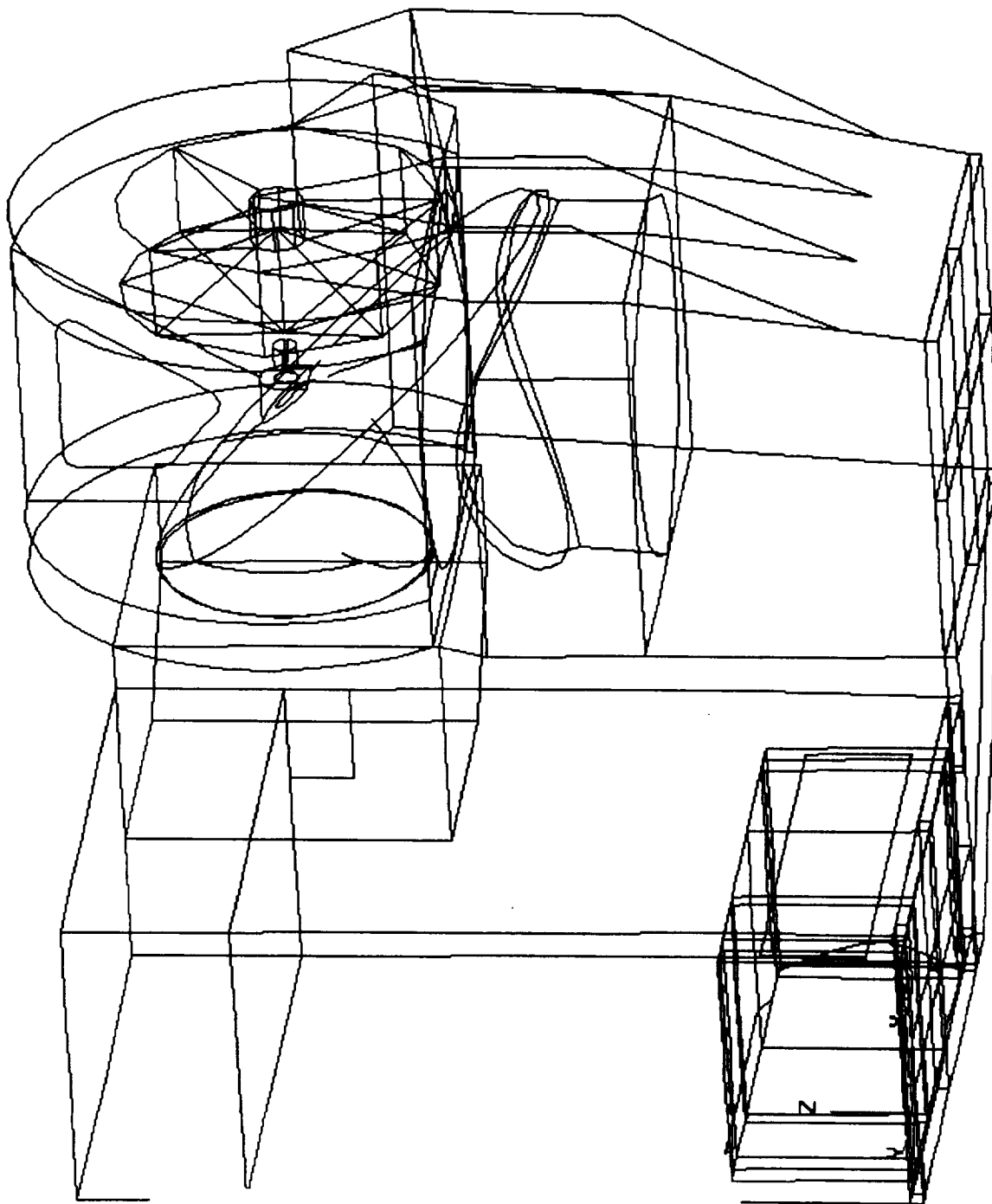


Figure 13 EOS/AMSU-A2 Model Third Mode Shape

Time: 12:31:51
 Date: 03/06/96
 Eigenvectors
 Translational
 NORMAL MODES 0-150 HZ
 Mode 7 : Frequency = 144.3 Hz
 Max. Deformation =
 1.149856E+02
 @Node 21543
 Freq. = 144.3 Hz

Report 10515
 1 Apr 96

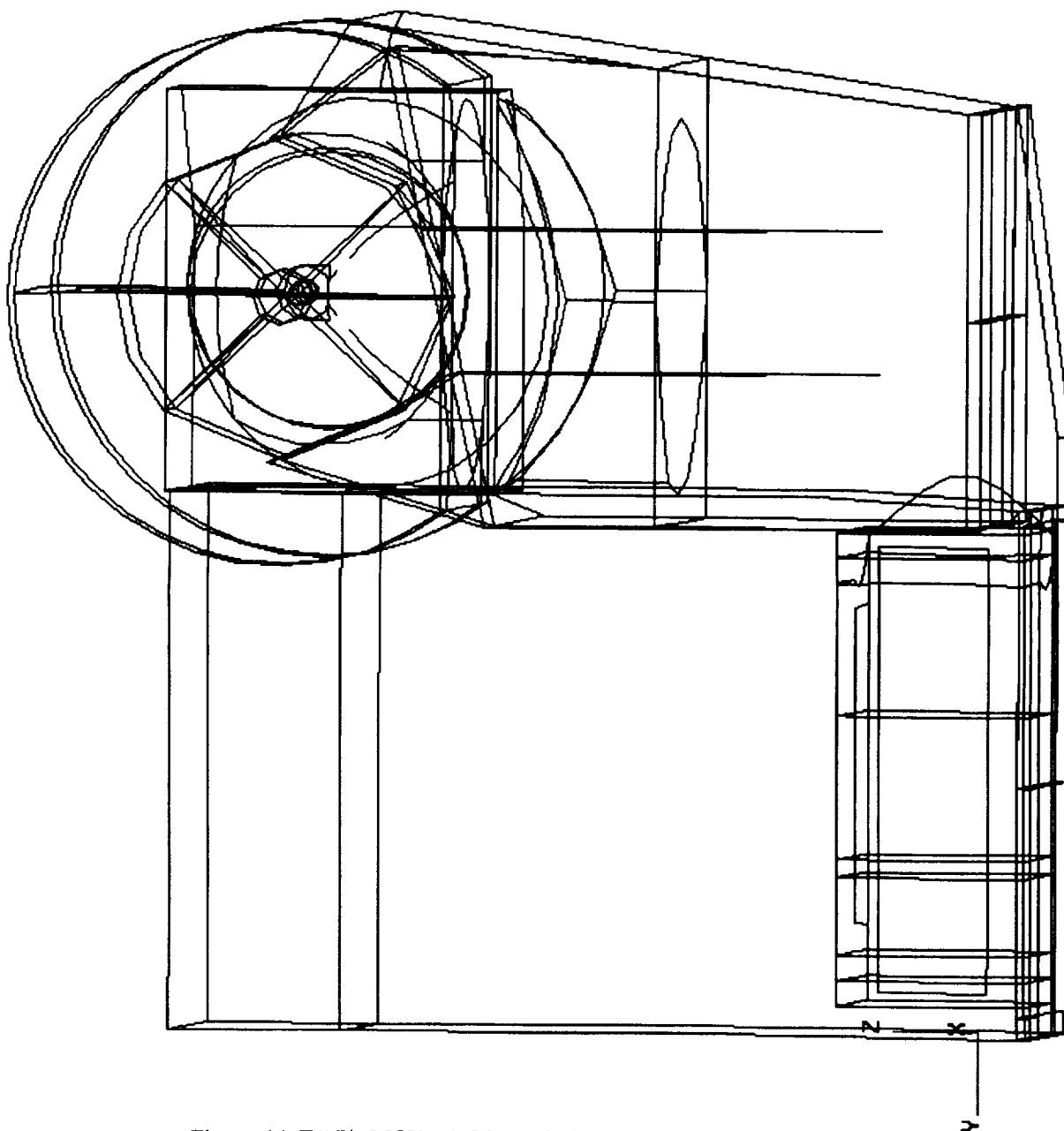


Figure 14 EOS/AMSU-A2 Model Third Mode Shape, YZ Plane

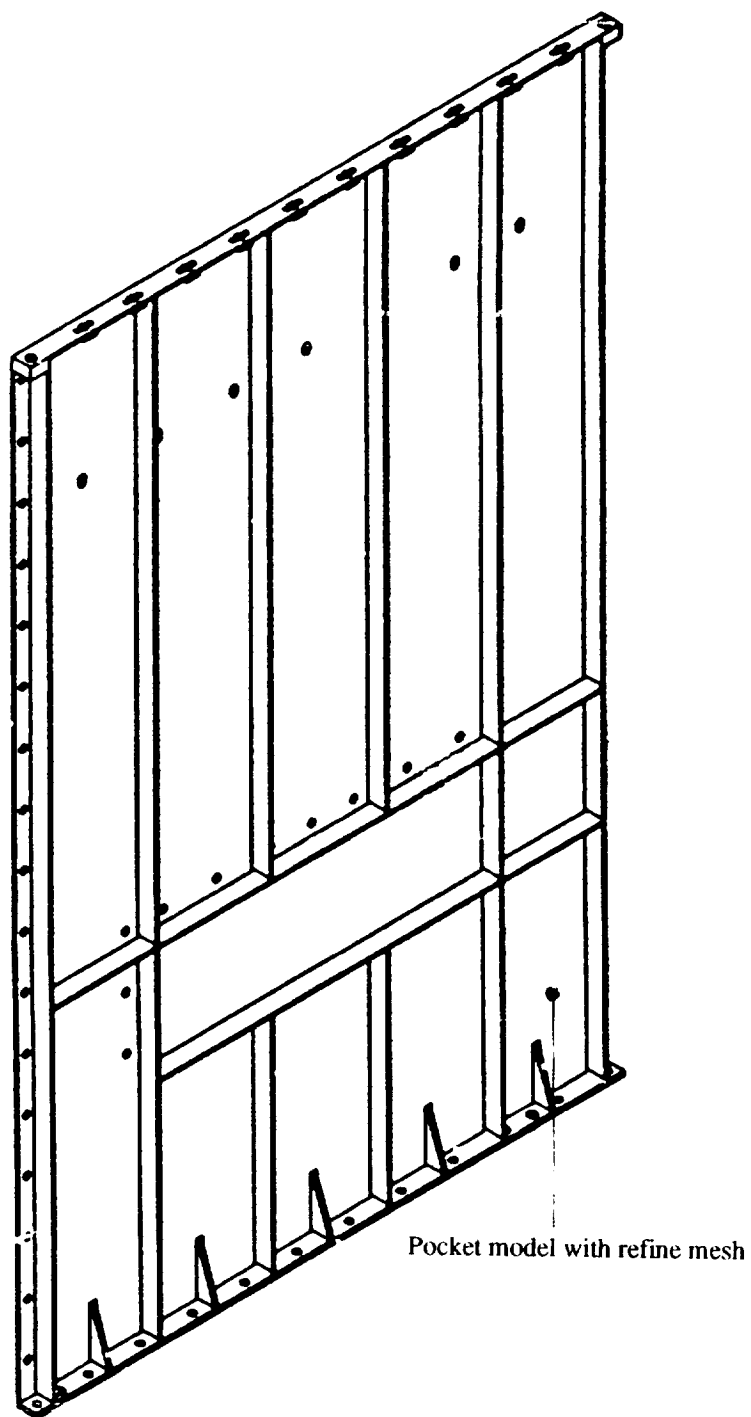


Figure 15 RF Shelf Support Side Panel (Dwg 1331245) Reinforced Lower Flange



Figure 16 Mounting Screw Peak Force Location

APPENDIX A
RF SHELF SUPPORT SIDE PANEL
RENUMBERED GRID POINTS AND ELEMENTS

A-1

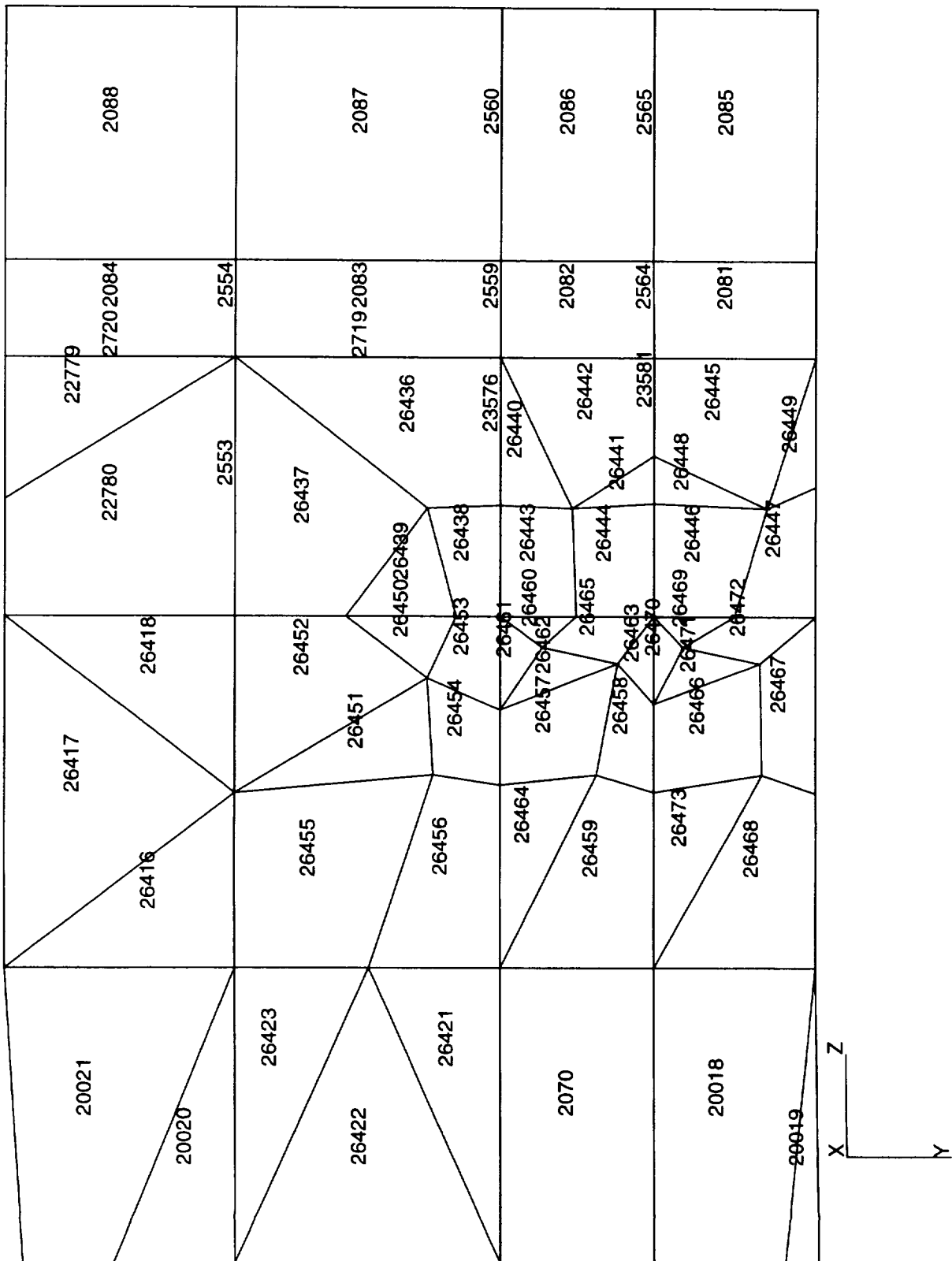


Figure A-2 Element ID's

APPENDIX B
DESIGN LIMIT LOAD ANALYSIS

Time: 14:02:43
Date: 03/02/96

Contour
Node Scalar1

Color Index

8	0.218E+04
8	0.196E+04
0	0.175E+04
9	0.153E+04
8	0.131E+04
7	0.109E+04
6	0.876E+03
5	0.658E+03
4	0.441E+03
3	0.224E+03
2	0.620E+01
1	-0.211E+03

Min = -2.111677E+02

Max = 2.397470E+03

Min ID= 20646

Max ID= 21666

xz1max:

Stress Tensor

Max Principal
At Z1

DESIGN LIMIT LOAD X
y

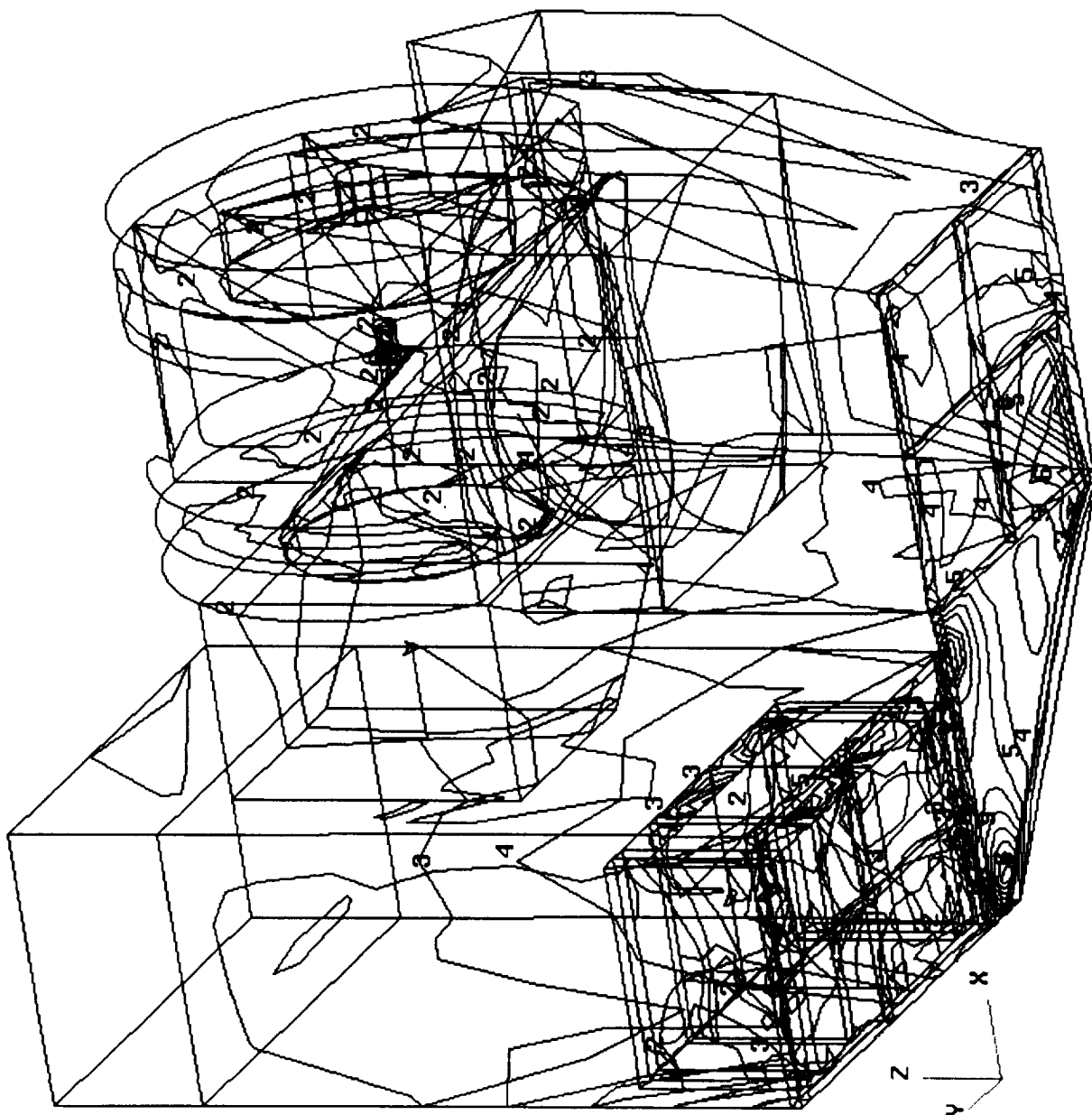


Figure B1 Stress Contour Plot +15 g X Axis

Time: 14:05:55
Date: 03/02/96

Contour
Node Scalar1

Color Index

—	8	0.242E+04
—	8	0.216E+04
—	0	0.190E+04
—	9	0.163E+04
—	8	0.137E+04
—	7	0.111E+04
—	6	0.847E+03
—	5	0.584E+03
—	4	0.322E+03
—	3	0.589E+02
—	2	-0.204E+03
—	1	-0.466E+03

Min = -4.663116E+02

Max = 2.685102E+03

Min ID= 20319

Max ID= 6011

xz2max:

Stress Tensor

Max Principal
At Z2

DESIGN LIMIT LOAD X
y

Report 10515
1 Apr 96

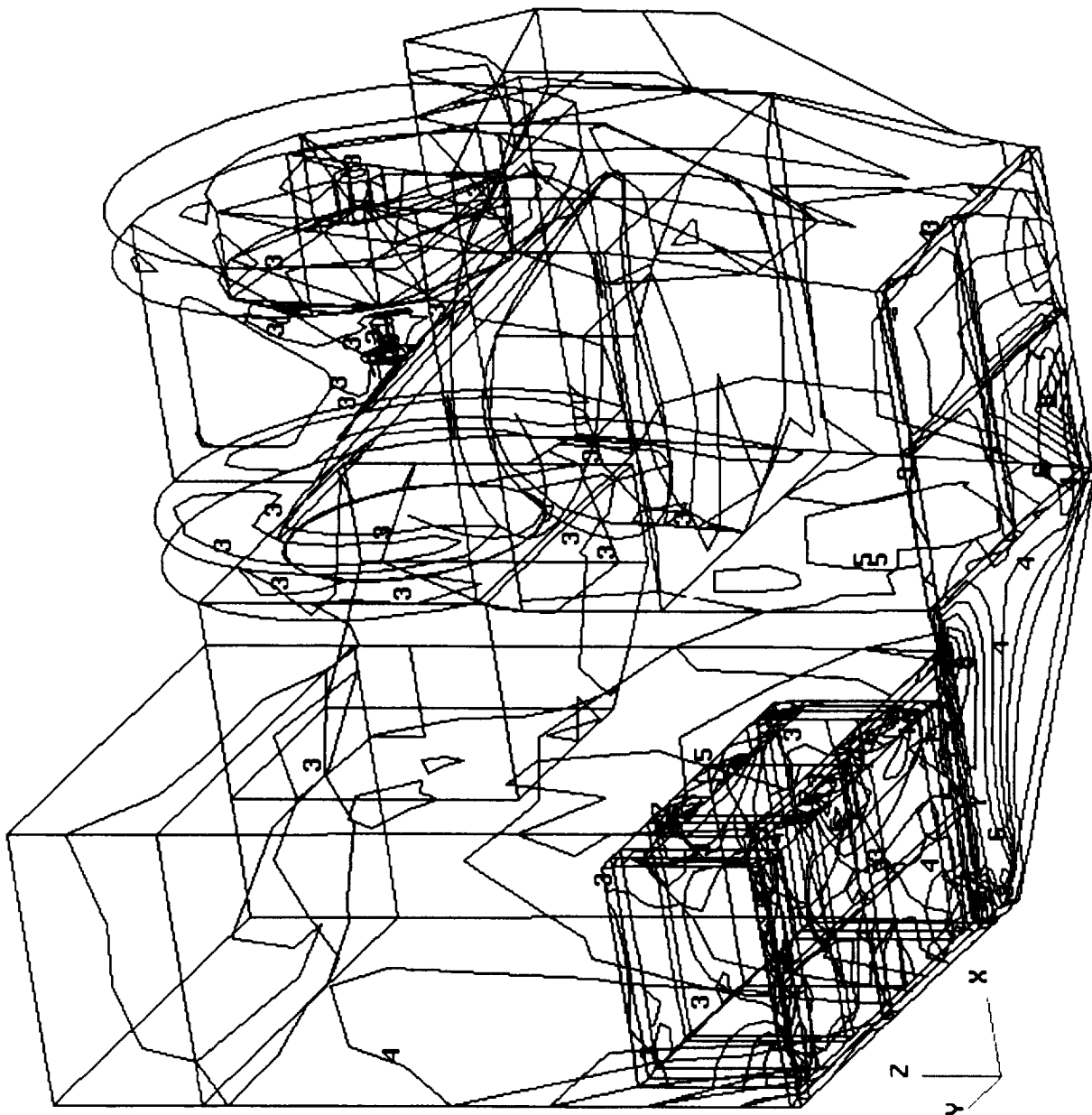


Figure B2 Stress Contour Plot + 15 g X Axis

Contour
Node Scalar1

Color Index

1	-0.589E+03
2	0.109E+03
3	0.807E+03
4	0.151E+04
5	0.220E+04
6	0.290E+04
7	0.360E+04
8	0.430E+04
9	0.500E+04
0	0.569E+04
A	0.639E+04
B	0.709E+04

Min = -5.884500E+02

Max = 7.786918E+03

Min ID= 20311

Max ID= 22228

yz2max:

Stress Tensor

Max Principal
At Z1

DESIGN LIMIT LOAD X

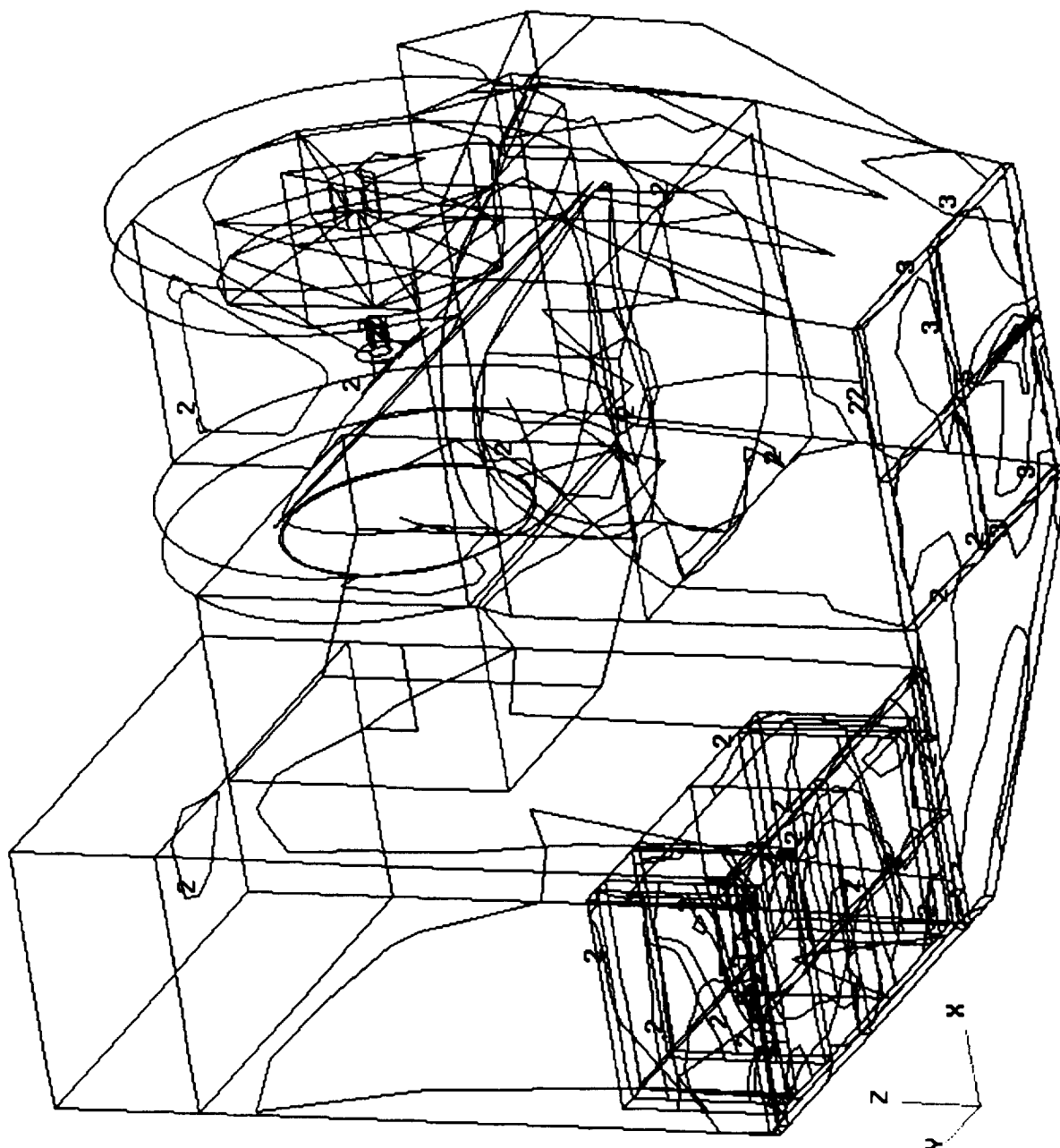


Figure B3 Stress Contour Plot +15 g Y Axis

Time: 16:42:18
Date: 03/05/96

Contour
Node Scalar1

Color Index

—	B	0.686E+04
—	R	0.622E+04
—	O	0.559E+04
—	9	0.495E+04
—	8	0.432E+04
—	7	0.368E+04
—	6	0.305E+04
—	5	0.242E+04
—	4	0.178E+04
—	3	0.115E+04
—	2	0.512E+03
—	1	-0.122E+03

Min = -1.222763E+02

Max = 7.491122E+03

Min ID= 21908

Max ID= 22228

yz1Max:

Stress Tensor

Max Principal
At Z1

DESIGN LIMIT LOAD X
y

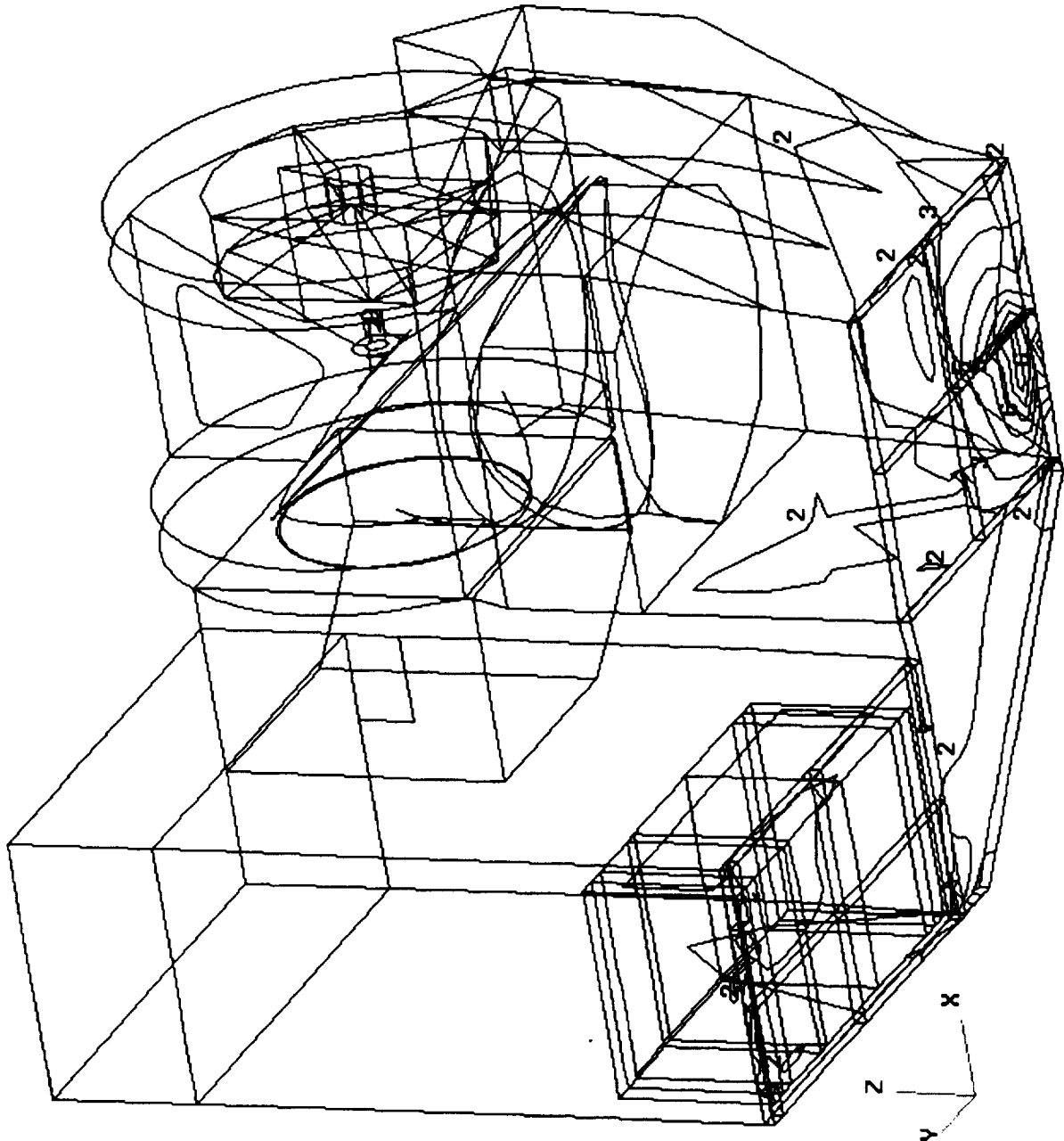


Figure B4 Stress Contour Plot +15 g Y Axis

Time: 16:48:41
Date: 03/05/96

Contour
Node Scalar1

Color Index

—	8	0.140E+04
—	8	0.127E+04
—	0	0.113E+04
—	9	0.988E+03
—	8	0.850E+03
—	7	0.711E+03
—	6	0.573E+03
—	5	0.434E+03
—	4	0.296E+03
—	3	0.158E+03
—	2	0.191E+02
—	1	-0.119E+03

Min = -1.193686E+02

Max = 1.542150E+03

Min ID= 20319

Max ID= 20710

zz1max:

Stress Tensor

Max Principal
At Z1

DESIGN LIMIT LOAD X

Y

Report 10515
1 Apr 96

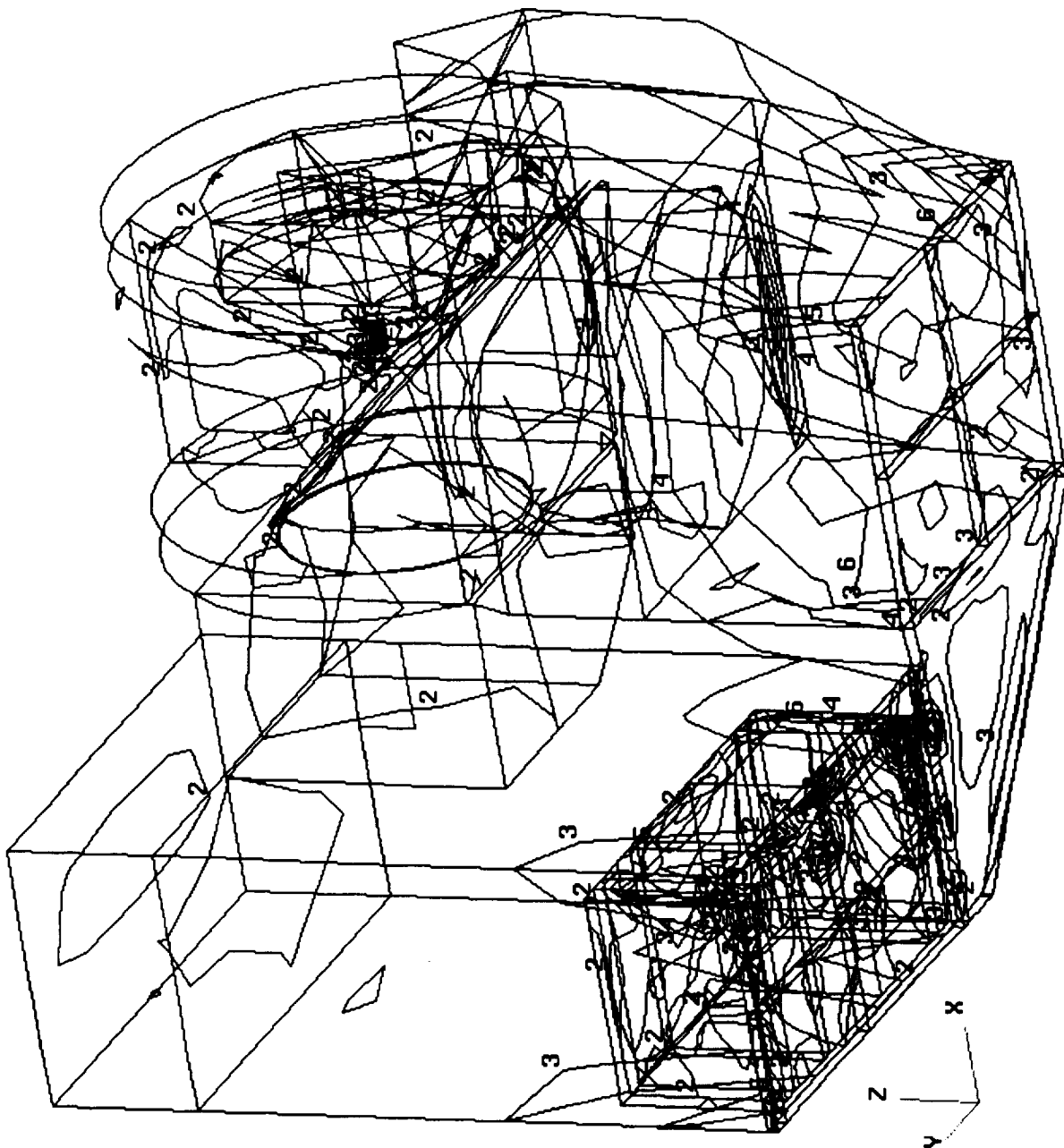


Figure B5 Stress Contour Plot +15 g Z Axis

Time: 16:49:49
Date: 03/05/96

Contour
Node Scalar1

Color Index

—	8	0.209E+04
—	8	0.189E+04
—	0	0.169E+04
—	9	0.149E+04
—	8	0.129E+04
—	7	0.109E+04
—	6	0.888E+03
—	5	0.689E+03
—	4	0.489E+03
—	3	0.289E+03
—	2	0.891E+02
—	1	-0.111E+03

Min = -1.107222E+02
Max = 2.287137E+03
Min ID= 20302
Max ID= 22581
zz2max:
Stress Tensor

Max Principal
At Z2

DESIGN LIMIT LOAD X
y

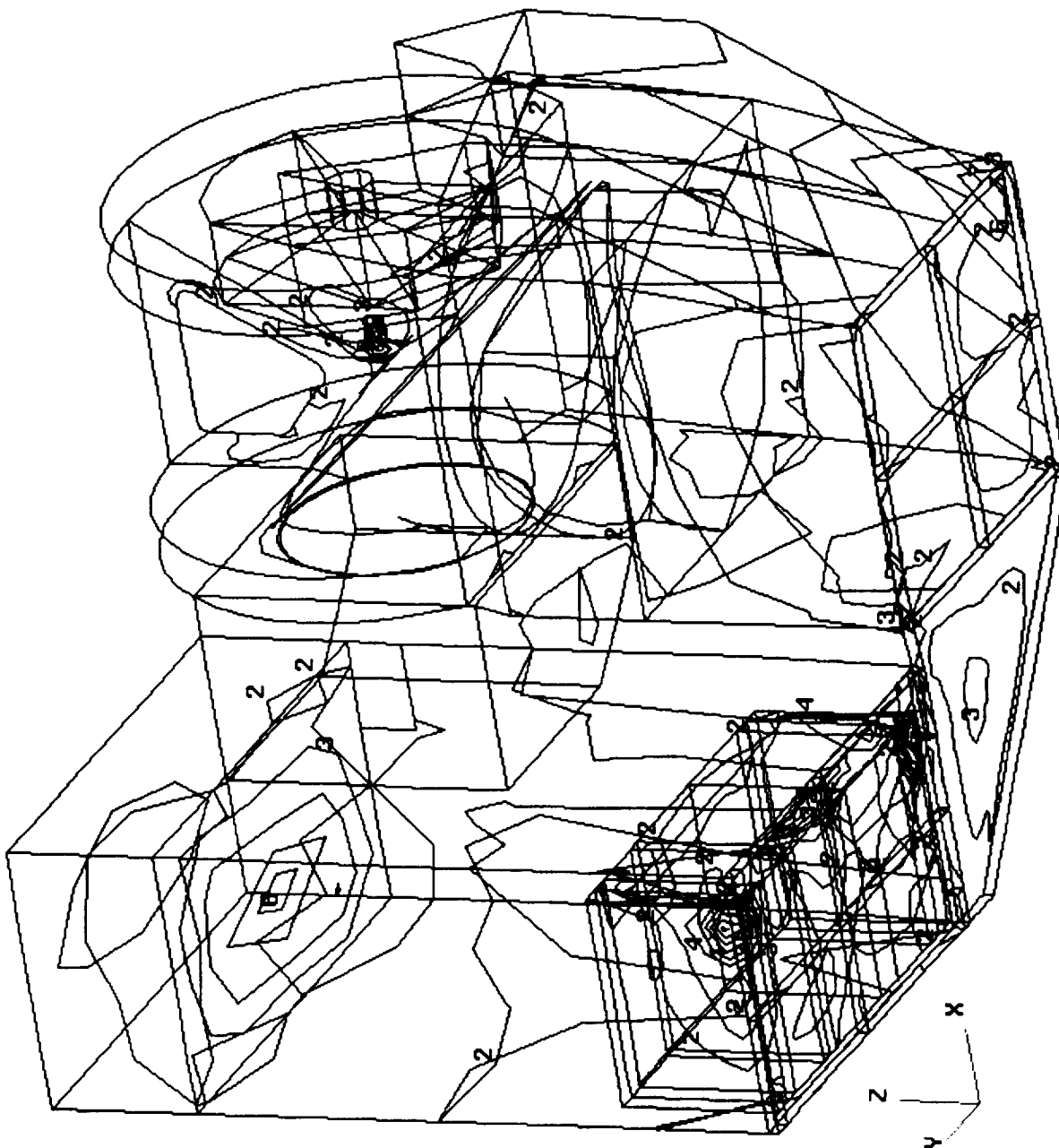


Figure B6 Stress Contour Plot +15 g Z Axis

Time: 08:12:10
Date: 03/12/96

Contour
Node Scalar1

Color Index

— 8	0.831E+03
— 8	0.759E+03
— 0	0.688E+03
— 9	0.616E+03
— 8	0.544E+03
— 7	0.473E+03
— 6	0.401E+03
— 5	0.329E+03
— 4	0.258E+03
— 3	0.186E+03
— 2	0.114E+03
— 1	0.424E+02

Min = 4.244992E+01

Max = 9.027376E+02

Min ID= 2219

Max ID= 2201

rfshelfumis:

Stress Tensor

Uon Mises

At 22

DESIGN LIMIT LOAD X
Y

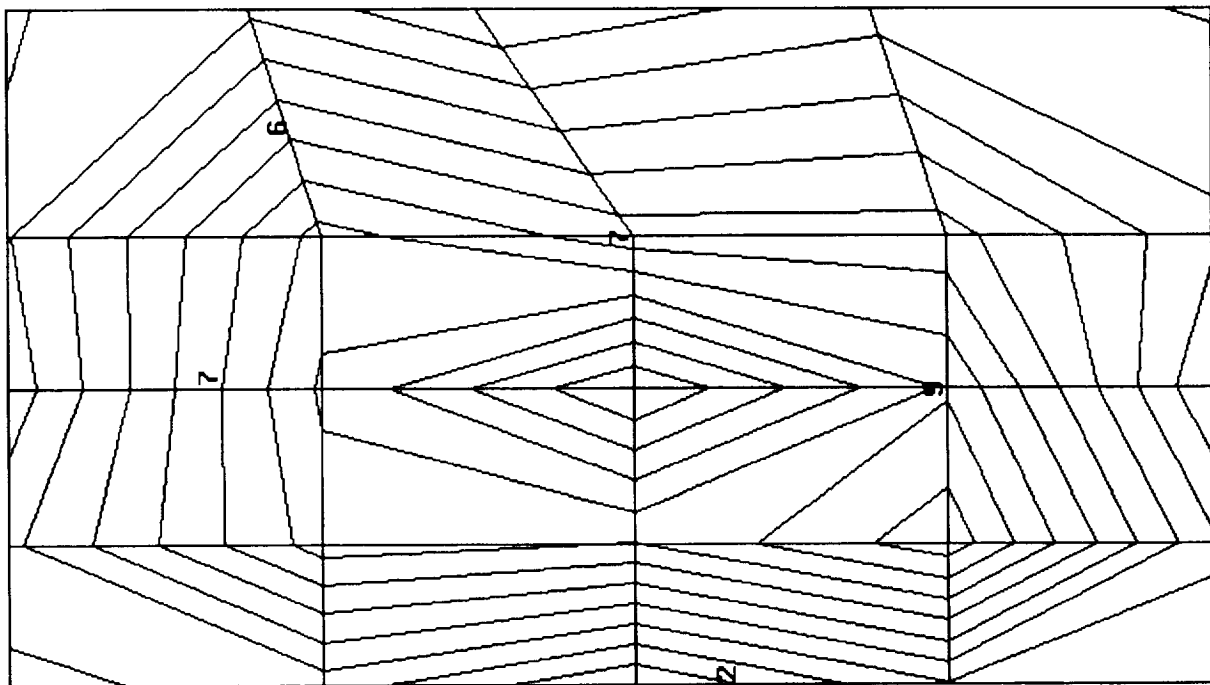


Figure B7 RF Shelf Z Axis Load

Time: 08:04:33
Date: 03/12/96

Contour
Node Scalar1

Color Index

—	8	0.944E+03
—	8	0.863E+03
—	0	0.782E+03
—	9	0.700E+03
—	8	0.619E+03
—	7	0.538E+03
—	6	0.457E+03
—	5	0.376E+03
—	4	0.294E+03
—	3	0.213E+03
—	2	0.132E+03
—	1	0.508E+02

Min = 5.078097E+01

Max = 1.025227E+03

Min ID= 2108

Max ID= 2201

zz2max:

Stress Tensor

Max Principal
At 22

DESIGN LIMIT LOAD X
Y

Report 10515
1 Apr 96

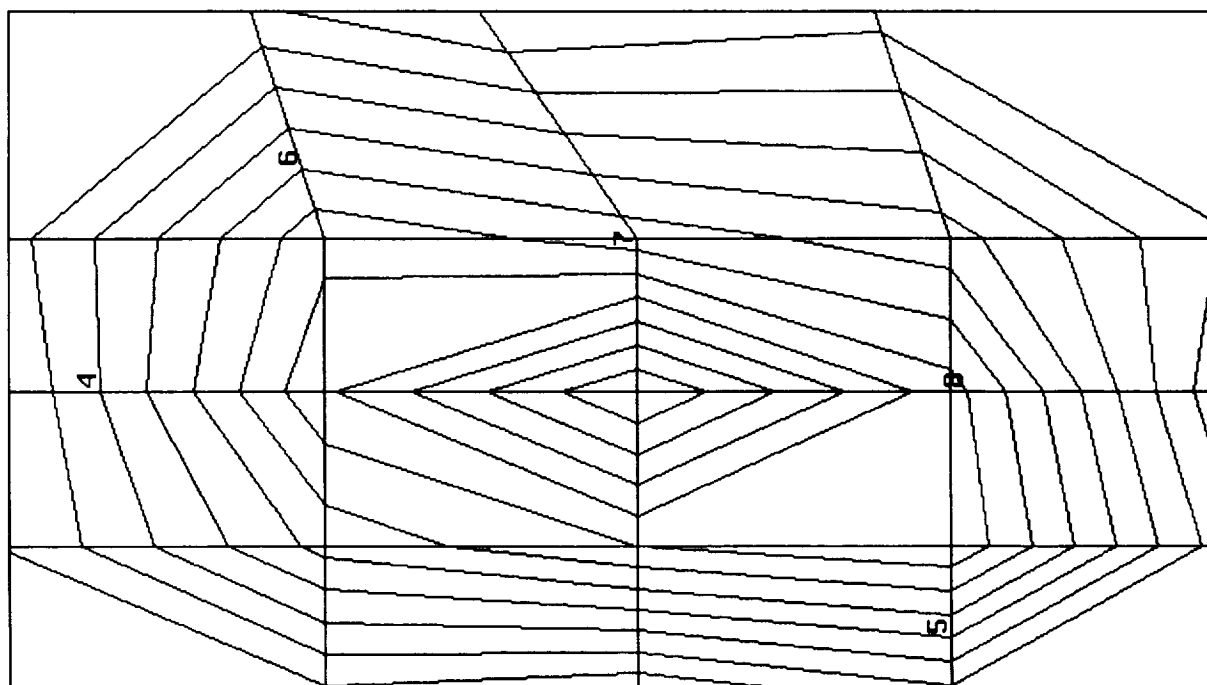


Figure B8 RF Shelf Z Axis Load

Time: 08:45:02
Date: 03/12/96

Contour
Node Scalar1

Color Index

—	8	0.113E+04
—	8	0.103E+04
—	0	0.934E+03
—	9	0.836E+03
—	8	0.738E+03
—	7	0.640E+03
—	6	0.542E+03
—	5	0.444E+03
—	4	0.346E+03
—	3	0.248E+03
—	2	0.150E+03
—	1	0.523E+02

Min = 5.226315E+01

Max = 1.227819E+03

Min ID= 2421

Max ID= 6010

rearpanel:

Stress Tensor

Von Mises

At 22

DESIGN LIMIT LOAD X
y

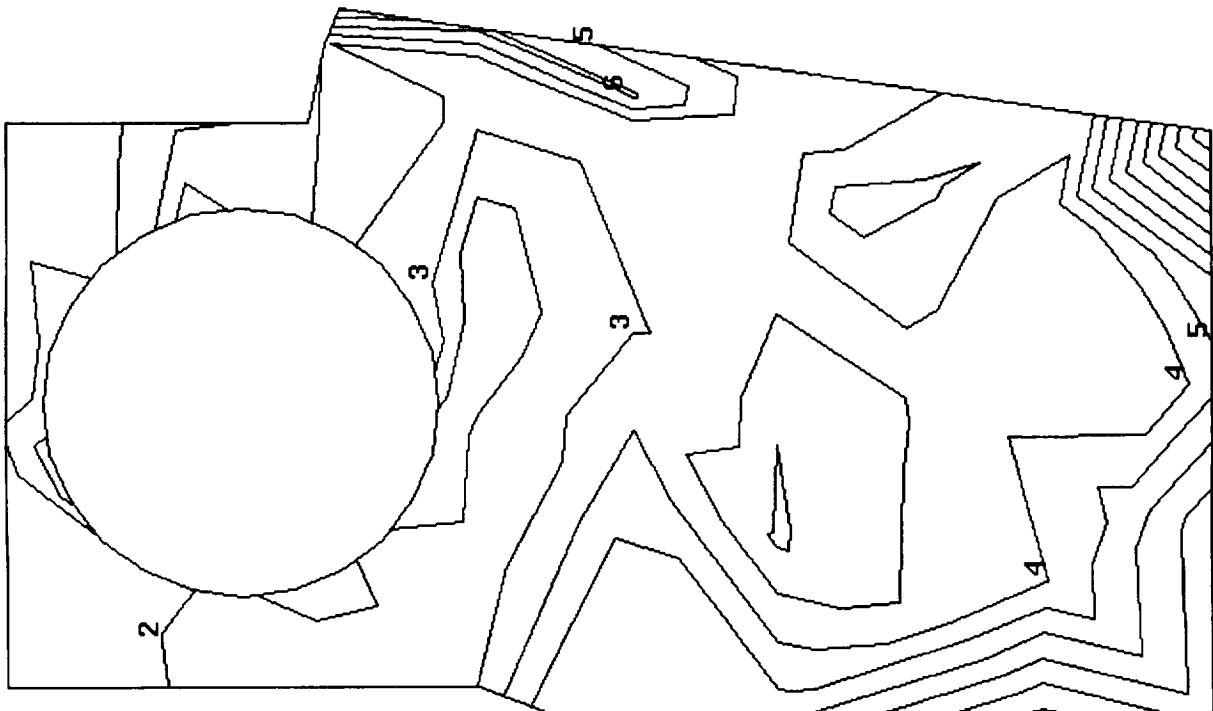


Figure B9 Rear Panel X Axis Load

Time: 08:44:07
Date: 03/12/96

Contour
Node Scalar1

Color Index

—	8	0.102E+04
—	8	0.931E+03
—	0	0.837E+03
—	9	0.743E+03
—	8	0.649E+03
—	7	0.555E+03
—	6	0.461E+03
—	5	0.367E+03
—	4	0.273E+03
—	3	0.179E+03
—	2	0.856E+02
—	1	-0.833E+01

Min = -8.329730E+00

Max = 1.118325E+03

Min ID= 2435

Max ID= 6010

xz2max:

Stress Tensor

Max Principal
At 22

DESIGN LIMIT LOAD X
Y

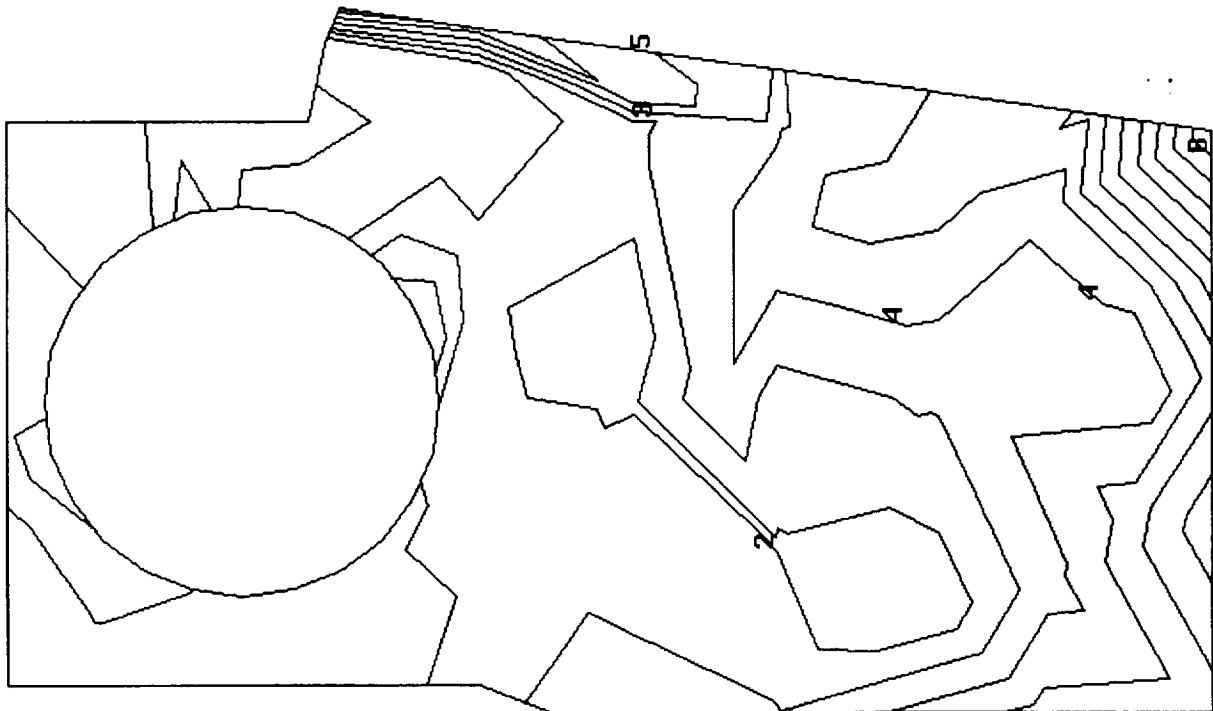


Figure B10 Rear Panel X Axis Load

Time: 15:45:07
Date: 03/13/96

Contour
Node Scalar1

Color Index

---	8	0.822E+03
---	8	0.757E+03
---	0	0.692E+03
---	9	0.627E+03
---	8	0.561E+03
---	7	0.496E+03
---	6	0.431E+03
---	5	0.366E+03
---	4	0.300E+03
---	3	0.235E+03
---	2	0.170E+03
---	1	0.104E+03

Min = 1.045011E+02
Max = 8.875609E+02
Min ID= 2140
Max ID= 6034
suppanel1217:
Stress Tensor

Von Mises
At Z2

DESIGN LIMIT LOAD X
Y

Report 10515
1 Apr 96

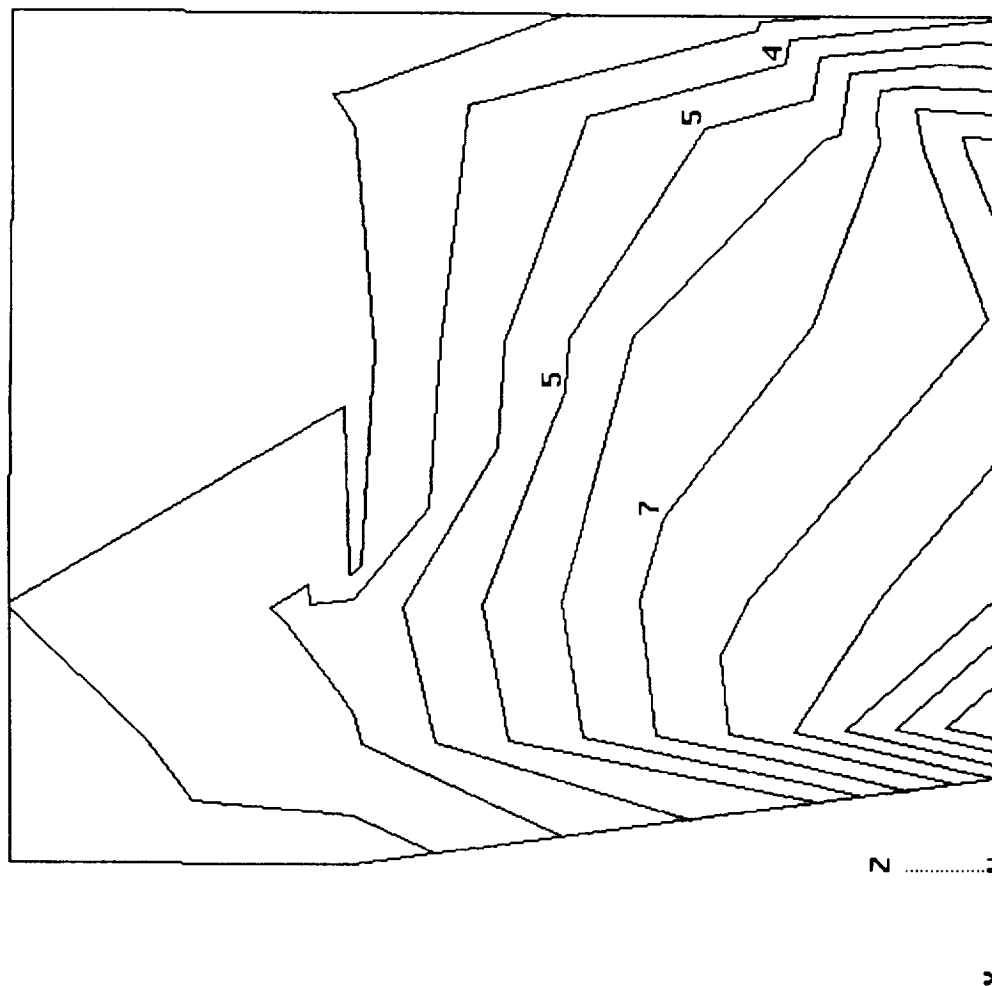


Figure B11 Side Panel (1331217)

Time: 15:40:31
Date: 03/13/96

Contour
Node Scalar1

Color Index

—	8	0.725E+03
—	8	0.667E+03
—	0	0.609E+03
—	9	0.550E+03
—	8	0.492E+03
—	7	0.434E+03
—	6	0.376E+03
—	5	0.318E+03
—	4	0.260E+03
—	3	0.202E+03
—	2	0.144E+03
—	1	0.856E+02

Min = 8.557172E+01

Max = 7.829672E+02

Min ID= 2415

Max ID= 6034

zz2max:

Stress Tensor

Max Principal
At Z2

DESIGN LIMIT LOAD X
y

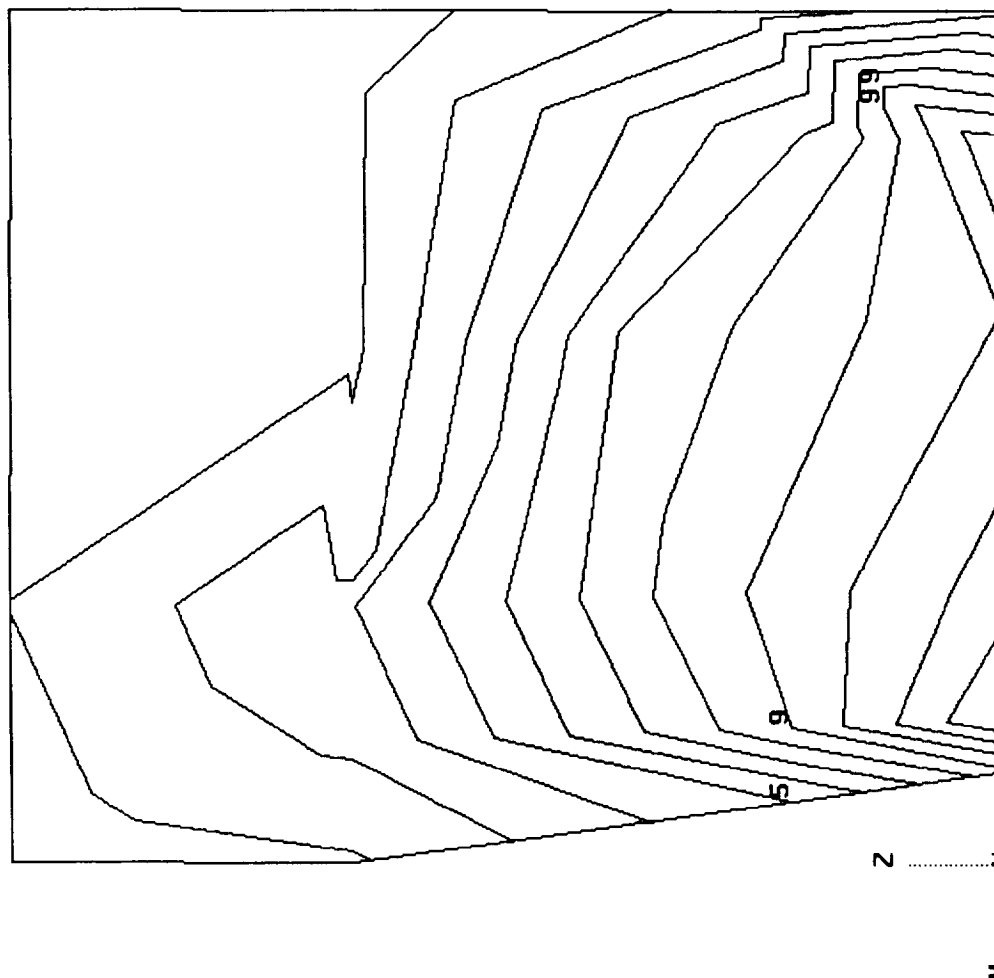


Figure B12 Side Panel (1331217) Z Axis Load

Time: 15:17:31
Date: 03/12/96

Contour
Node Scalar1

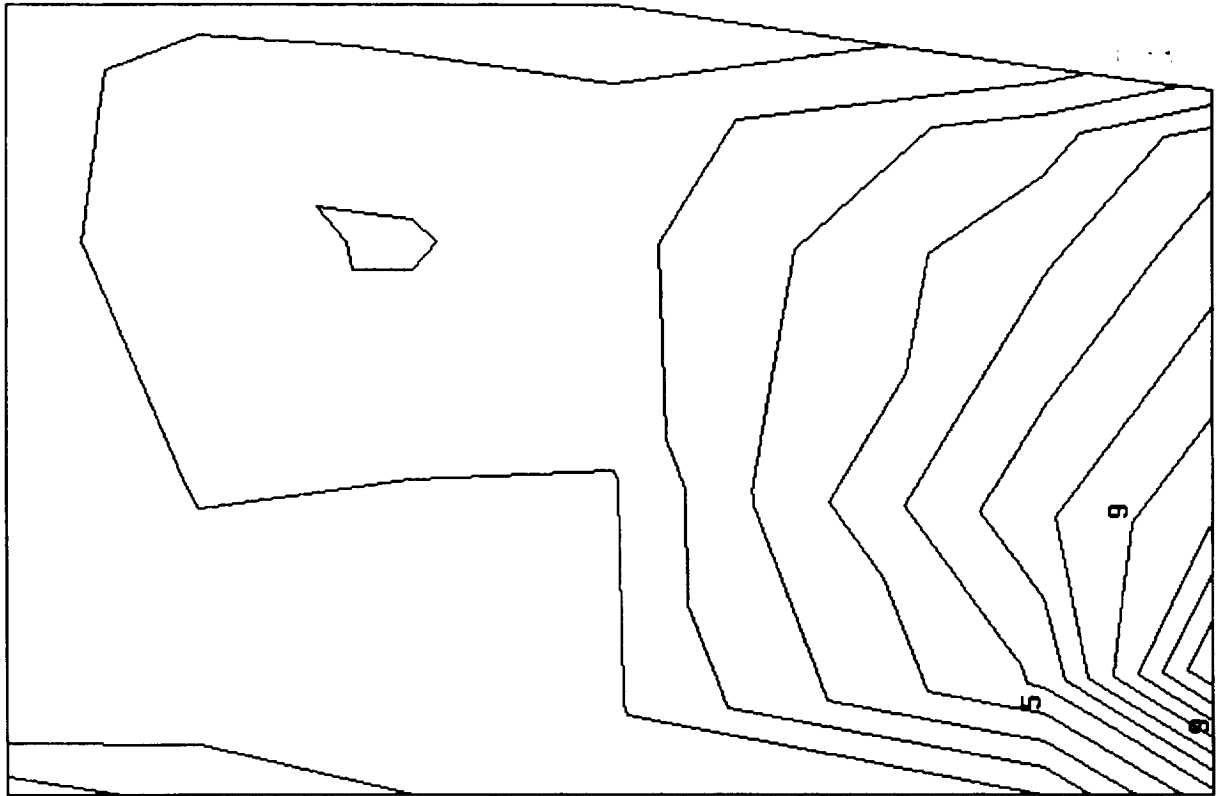
Color Index

—	8	0.264E+04
—	8	0.241E+04
—	0	0.219E+04
—	9	0.197E+04
—	8	0.175E+04
—	7	0.152E+04
—	6	0.130E+04
—	5	0.108E+04
—	4	0.856E+03
—	3	0.633E+03
—	2	0.411E+03
—	1	0.188E+03

Min = 1.882780E+02
Max = 2.857447E+03
Min ID= 2161
Max ID= 6011
sidepanel1218:
Stress Tensor

Von Mises
At 22

DESIGN LIMIT LOAD X
Y



X
Y

Figure B13 Side Panel (1331218) X

Time: 15:01:07
Date: 03/12/96

Contour
Node Scalar1

Color Index

8	0.246E+04
8	0.224E+04
0	0.201E+04
9	0.179E+04
8	0.156E+04
7	0.134E+04
6	0.111E+04
5	0.888E+03
4	0.664E+03
3	0.439E+03
2	0.215E+03
1	-0.984E+01

Min = -9.842404E+00

Max = 2.685102E+03

Min ID= 22552

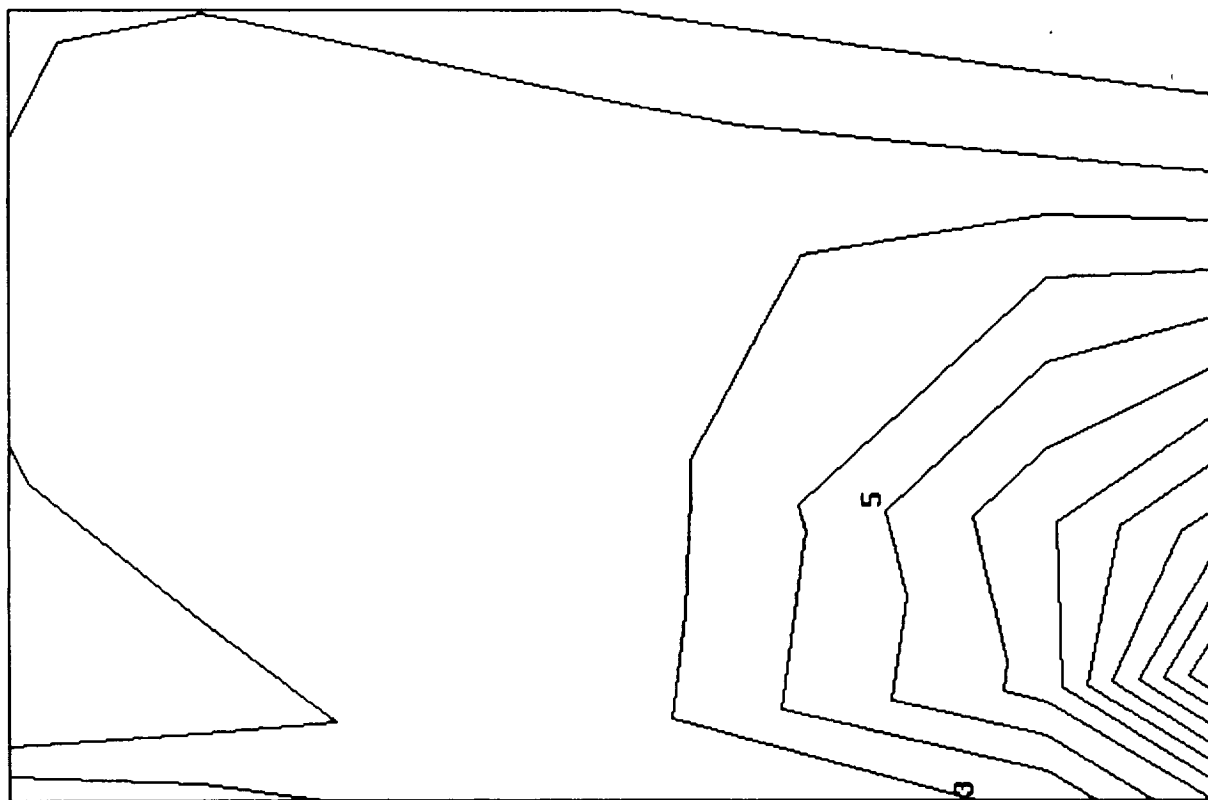
Max ID= 6011

xz2max:

Stress Tensor

Max Principal
At 22

DESIGN LIMIT LOAD X
y



x
y

Figure B14 Side Panel (1331218) X Axis Load

Time: 16:03:14
Date: 03/13/96

Contour
Node Scalar1

Color Index

—	8	0.691E+03
—	8	0.630E+03
—	0	0.568E+03
—	9	0.507E+03
—	8	0.445E+03
—	7	0.384E+03
—	6	0.322E+03
—	5	0.261E+03
—	4	0.199E+03
—	3	0.138E+03
—	2	0.763E+02
—	1	0.148E+02

Min = 1.482673E+01

Max = 7.528935E+02

Min ID= 2661

Max ID= 2227

Warmload:

Stress Tensor

von Mises
At Z1

DESIGN LIMIT LOAD X
Y

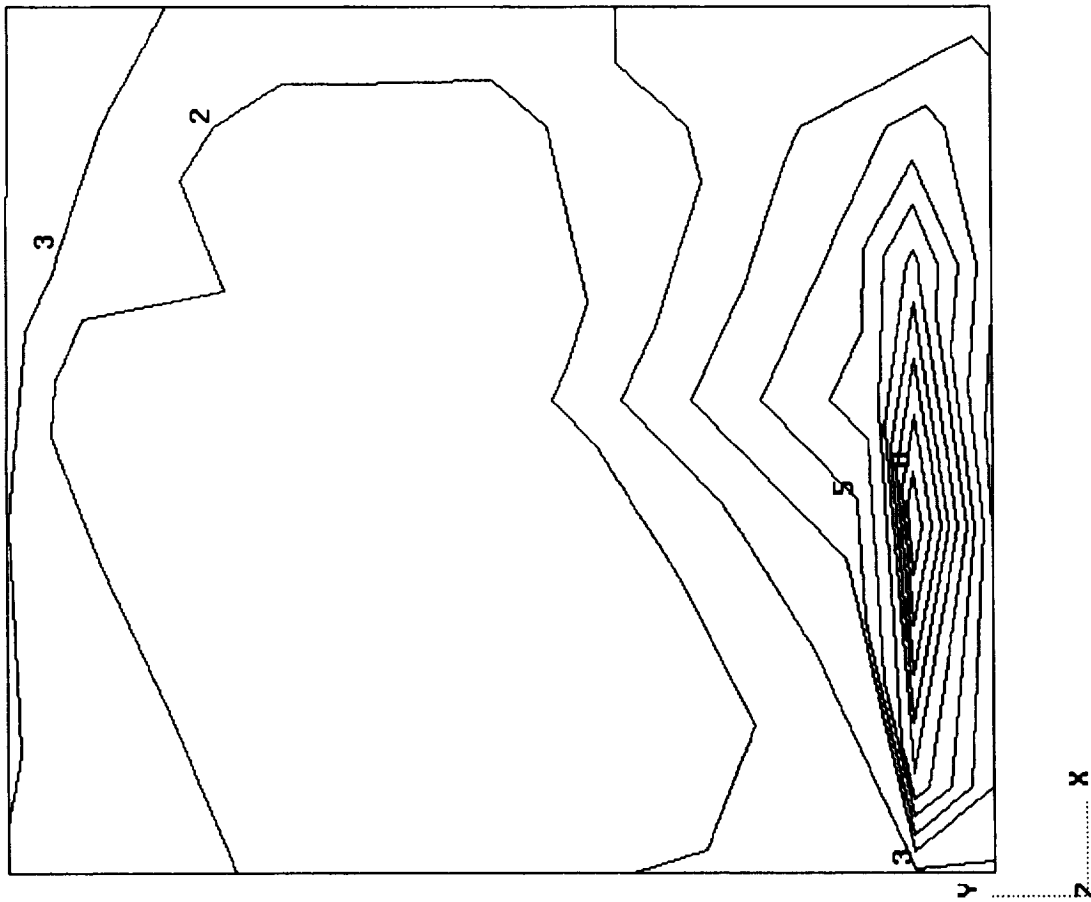


Figure B15 Warmload Shelf Z Axis Load

Time: 16:00:19
Date: 03/13/96

Contour
Node Scalar1

Color Index

—	8	0.770E+03
—	8	0.700E+03
—	0	0.630E+03
—	9	0.560E+03
—	8	0.490E+03
—	7	0.420E+03
—	6	0.350E+03
—	5	0.280E+03
—	4	0.210E+03
—	3	0.140E+03
—	2	0.700E+02
—	1	0.353E-05

Min = 3.528400E-06

Max = 8.400669E+02

Min IO= 2646

Max IO= 2227

zz1Max:

Stress Tensor

Max Principal
At Z1

DESIGN LIMIT LOAD X
Y

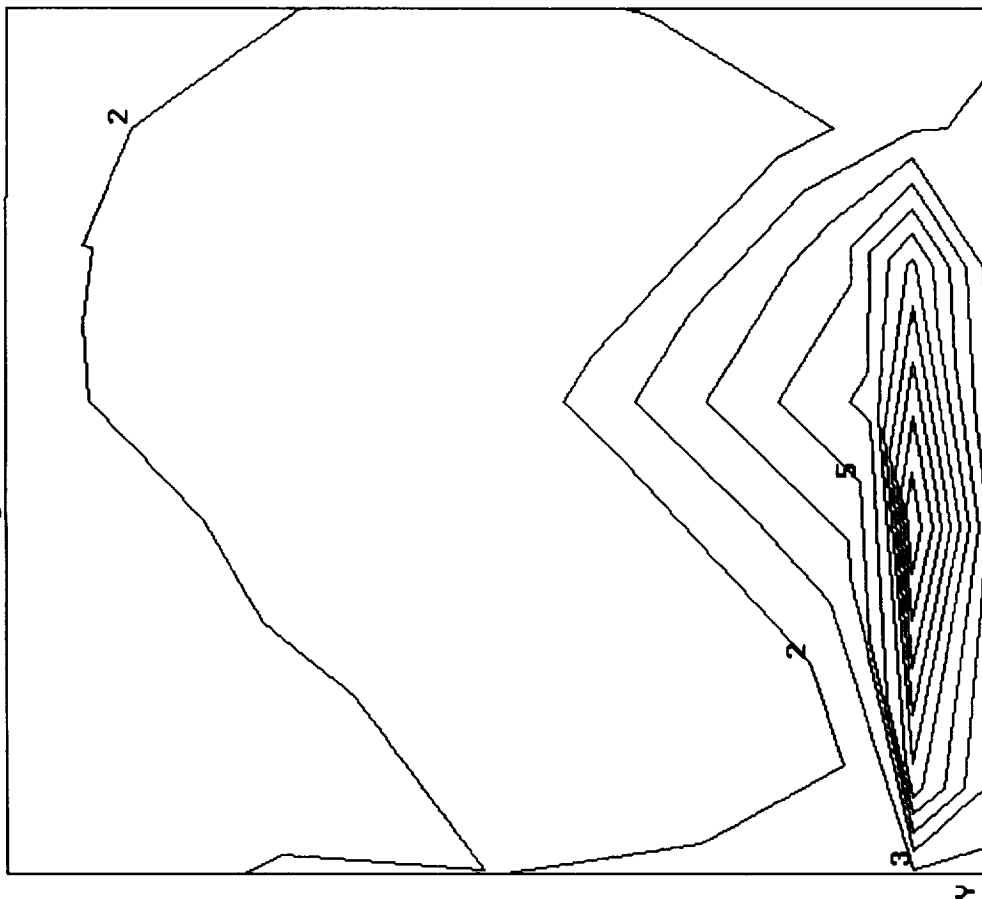


Figure B16 Warmload Shelf Z Axis Load

Time: 07:11:06
Date: 03/13/96

Contour
Node Scalar1

Color Index

— 8	0.162E+04
— 8	0.148E+04
— 0	0.134E+04
— 9	0.120E+04
— 8	0.106E+04
— 7	0.915E+03
— 6	0.774E+03
— 5	0.633E+03
— 4	0.491E+03
— 3	0.350E+03
— 2	0.209E+03
— 1	0.678E+02

Min = 6.783601E+01
Max = 1.761990E+03
Min ID= 2135
Max ID= 6008
sidepanel1245:
Stress Tensor

Von Mises
At 22

DESIGN LIMIT LOAD X
Y

Report 10515
1 Apr 96

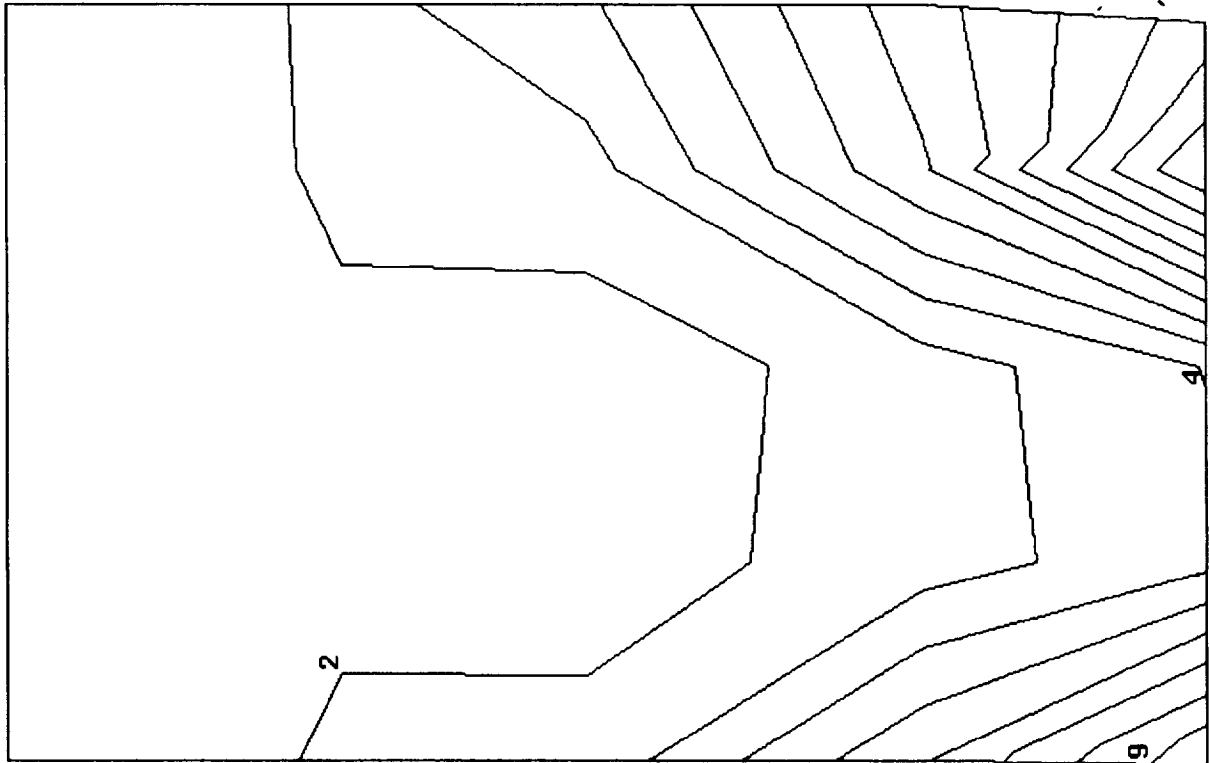


Figure B17 Side Panel (1331245) X Axis Load

Time: 07:05:56
Date: 03/13/96

Contour
Node Scalar1

Color Index

— 8	0.115E+04
— 8	0.105E+04
— 0	0.945E+03
— 9	0.843E+03
— 8	0.741E+03
— 7	0.638E+03
— 6	0.536E+03
— 5	0.434E+03
— 4	0.332E+03
— 3	0.229E+03
— 2	0.127E+03
— 1	0.246E+02

Min = 2.464797E+01
Max = 1.252135E+03
Min 10= 2085
Max 10= 6005

xz2max:
Stress Tensor

Max Principal
At 22

DESIGN LIMIT LOAD X
y

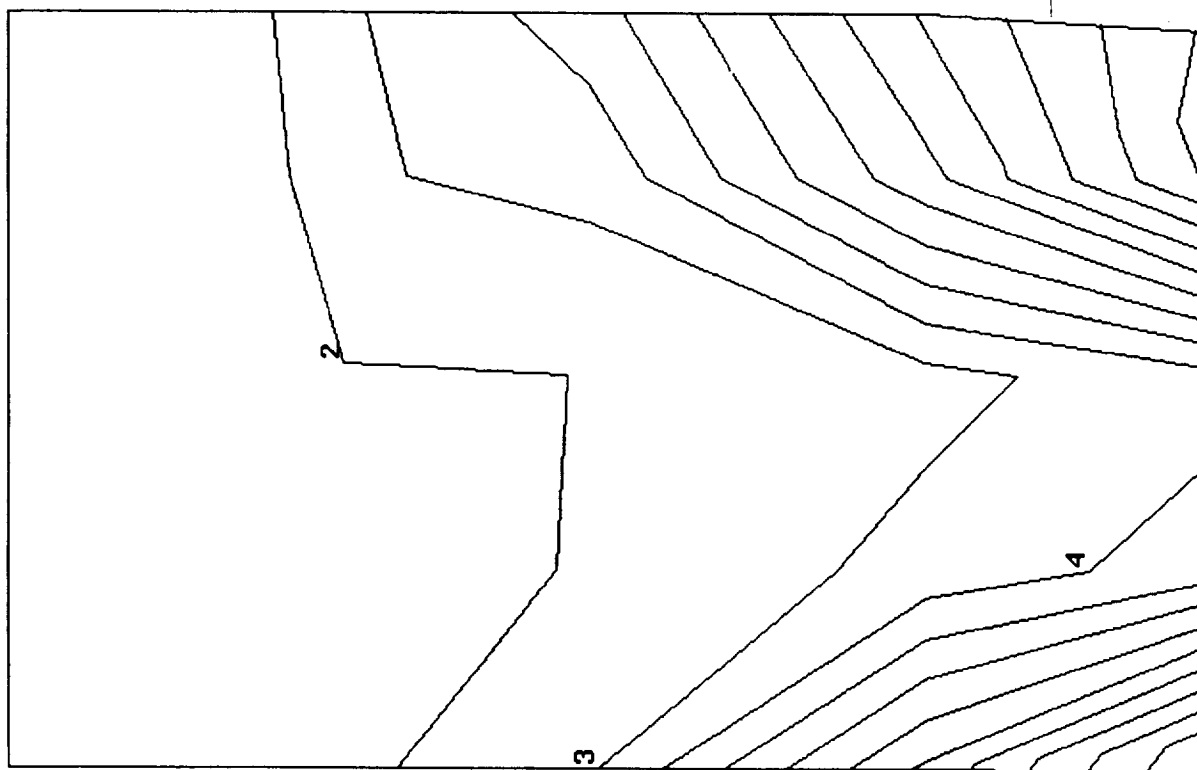


Figure B18 Side Panel (1331245) X Axis Load

Time: 07:53:05
Date: 03/13/96

Contour
Node Scalar1

Color Index

---	8	0.115E+04
---	8	0.105E+04
---	0	0.942E+03
---	9	0.840E+03
---	8	0.737E+03
---	7	0.635E+03
---	6	0.532E+03
---	5	0.430E+03
---	4	0.327E+03
---	3	0.224E+03
---	2	0.122E+03
---	1	0.192E+02

Min = 1.924190E+01
Max = 1.250183E+03
Min ID= 2113
Max ID= 6037
sidepanel3379:
Stress Tensor

Von Mises
At 22

DESIGN LIMIT LOAD X
y

Report 10515
1 Apr 96

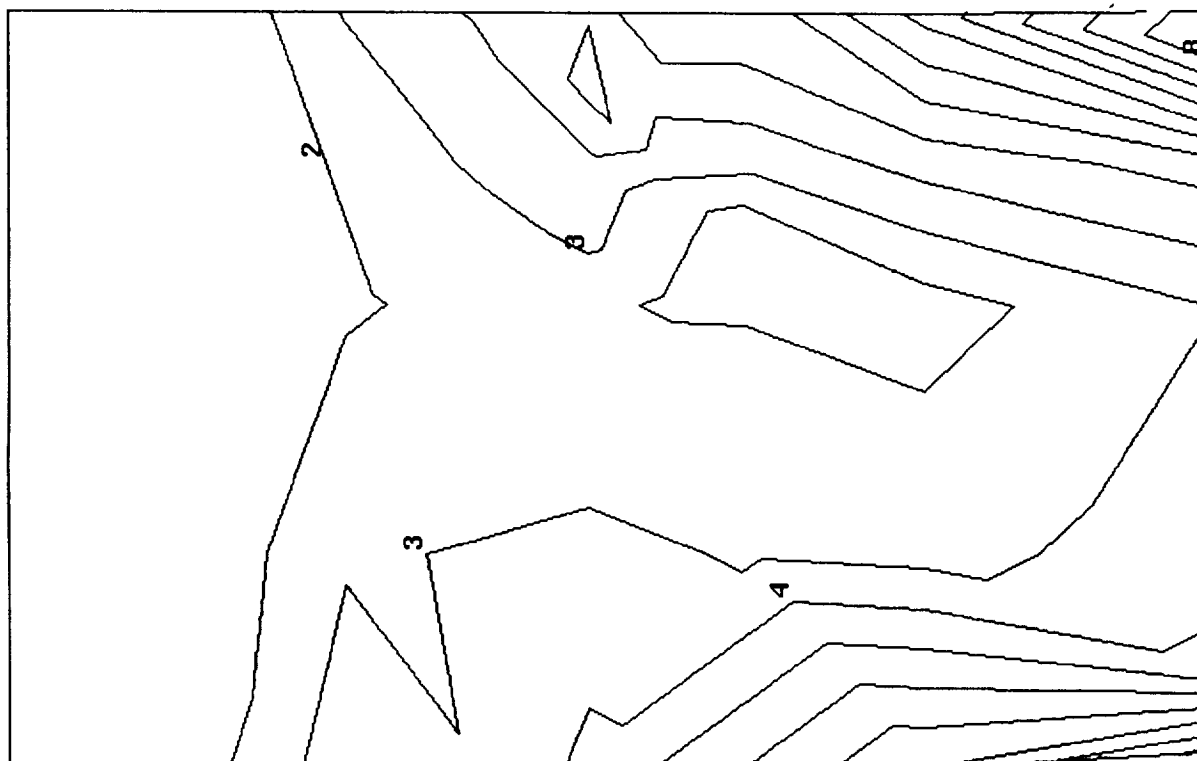


Figure B19 Side Panel (1333379) X Axis Load

Time: 07:49:14
Date: 03/13/96

Contour
Node Scalar1

Color Index

—	8	0.643E+03
—	8	0.585E+03
—	0	0.526E+03
—	9	0.468E+03
—	8	0.409E+03
—	7	0.351E+03
—	6	0.292E+03
—	5	0.234E+03
—	4	0.175E+03
—	3	0.117E+03
—	2	0.585E+02
—	1	-0.201E-02

Min = -2.012454E-03

Max = 7.014619E+02

Min ID= 2114

Max ID= 6023

xz2max:

Stress Tensor

Max Principal
At 22

DESIGN LIMIT LOAD X
y

Report 10515
1 Apr 96

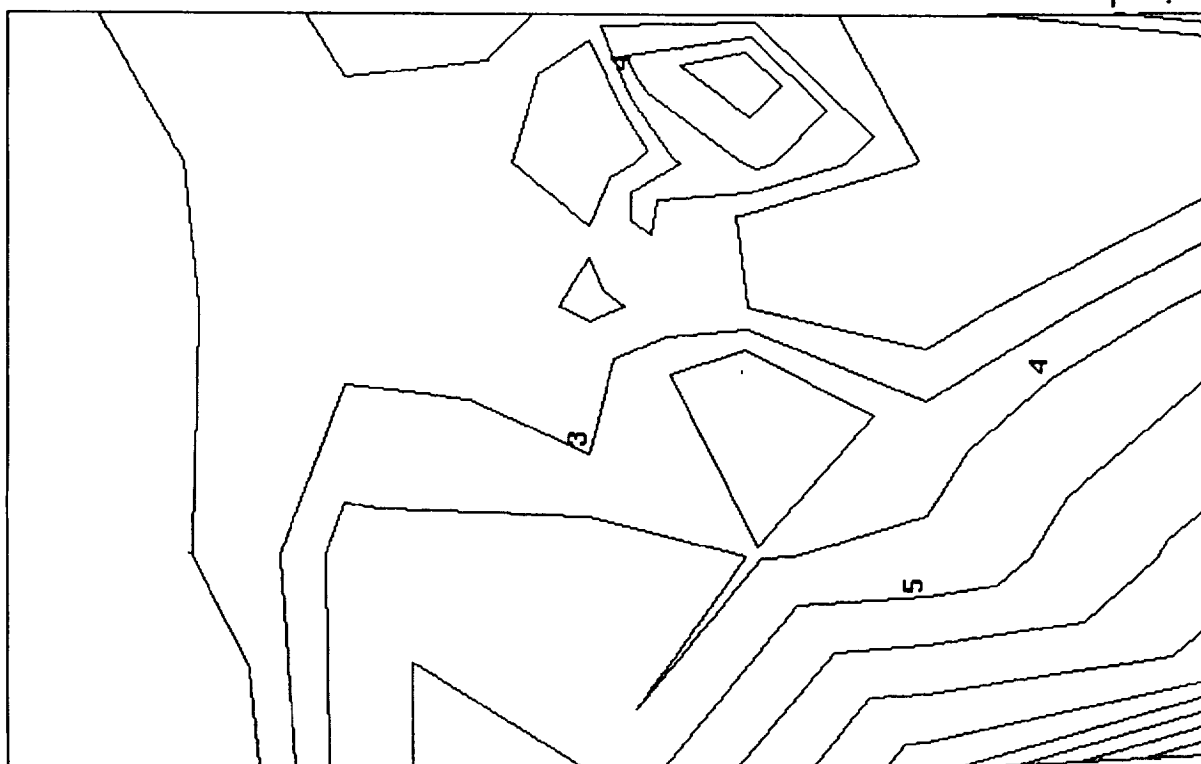


Figure B20 Side Panel (1333379) X Axis Load

Time: 08:15:01
Date: 03/13/96

Contour
Node Scalar1

Color Index

—	8	0.120E+04
—	8	0.109E+04
—	0	0.987E+03
—	9	0.883E+03
—	8	0.778E+03
—	7	0.674E+03
—	6	0.569E+03
—	5	0.464E+03
—	4	0.360E+03
—	3	0.255E+03
—	2	0.151E+03
—	1	0.463E+02

Min = 4.625697E+01
Max = 1.300776E+03
Min ID= 2086
Max ID= 6005
endpanel3380:
Stress Tensor

Von Mises
Rt Z2

DESIGN LIMIT LOAD X
Y

Report 10515
1 Apr 96

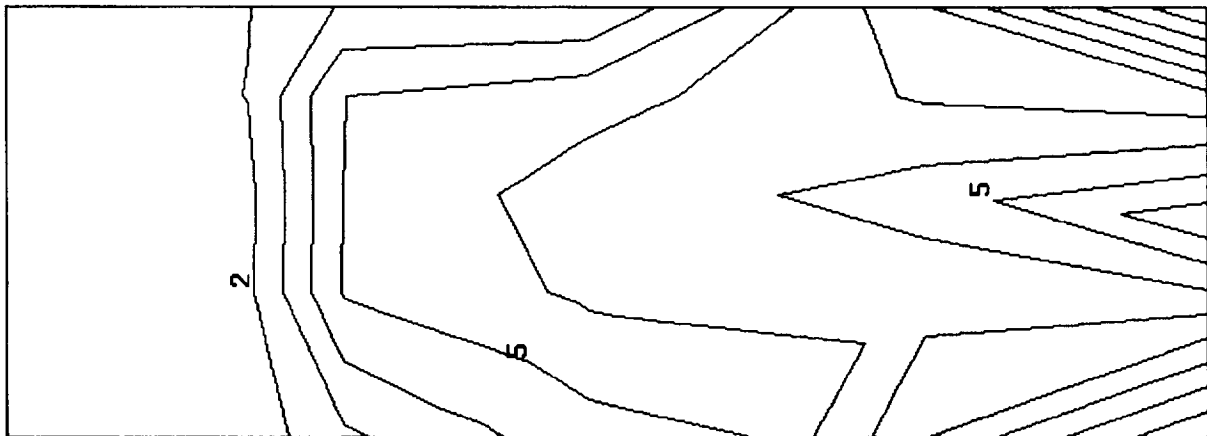


Figure B21 End Panel (1333380) X Axis Load

Time: 08:13:09
Date: 03/13/96

Contour
Node Scalar1

Color Index

—	8	0.115E+04
—	9	0.105E+04
—	0	0.945E+03
—	9	0.843E+03
—	8	0.741E+03
—	7	0.638E+03
—	6	0.536E+03
—	5	0.434E+03
—	4	0.332E+03
—	3	0.229E+03
—	2	0.127E+03
—	1	0.246E+02

Min = 2.464797E+01

Max = 1.252135E+03

Min ID= 2085

Max ID= 6005

xz2max:

Stress Tensor

Max Principal
At 22

DESIGN LIMIT LOAD X
y

Report 10515
1 Apr 96

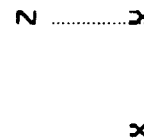
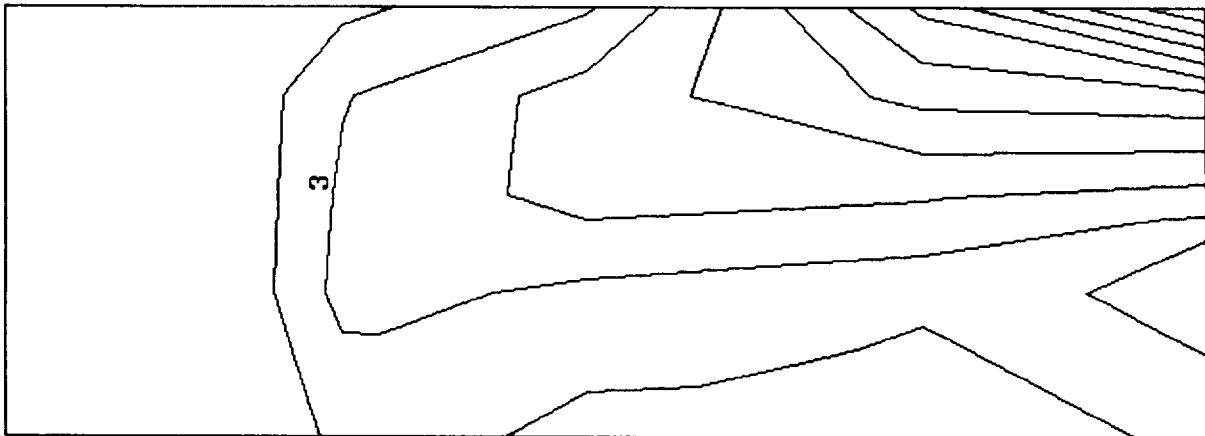


Figure B22 End Panel (1333380) X Axis Load

Time: 08:41:50
Date: 03/13/96

Contour
Node Scalar1

Color Index

—	8	0.701E+04
—	8	0.637E+04
—	0	0.574E+04
—	9	0.510E+04
—	8	0.446E+04
—	7	0.383E+04
—	6	0.319E+04
—	5	0.256E+04
—	4	0.192E+04
—	3	0.129E+04
—	2	0.650E+03
—	1	0.139E+02

Min = 1.386150E+01

Max = 7.642285E+03

Min ID= 22430

Max ID= 22228

baseplate:

Stress Tensor

von Mises
At 22

DESIGN LIMIT LOAD X
Y

Report 10515
1 Apr 96

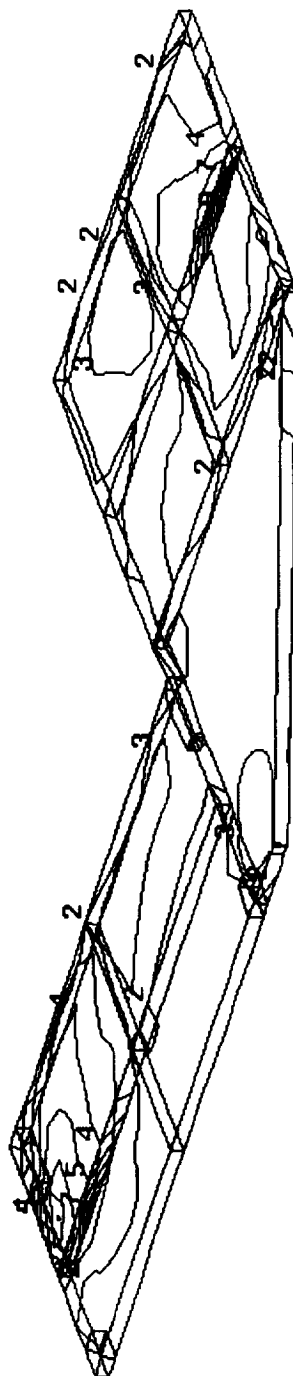


Figure B23 Base Plate (1356949) Y Axis Load

Contour
Node Scalar1

Color Index

8	0.701E+04
8	0.637E+04
0	0.574E+04
9	0.510E+04
8	0.446E+04
7	0.383E+04
6	0.319E+04
5	0.256E+04
4	0.192E+04
3	0.129E+04
2	0.650E+03
1	0.139E+02

Min = 1.386150E+01

Max = 7.642285E+03

Min ID= 22430

Max ID= 22228

baseplate:

Stress Tensor

Von Mises

At 22

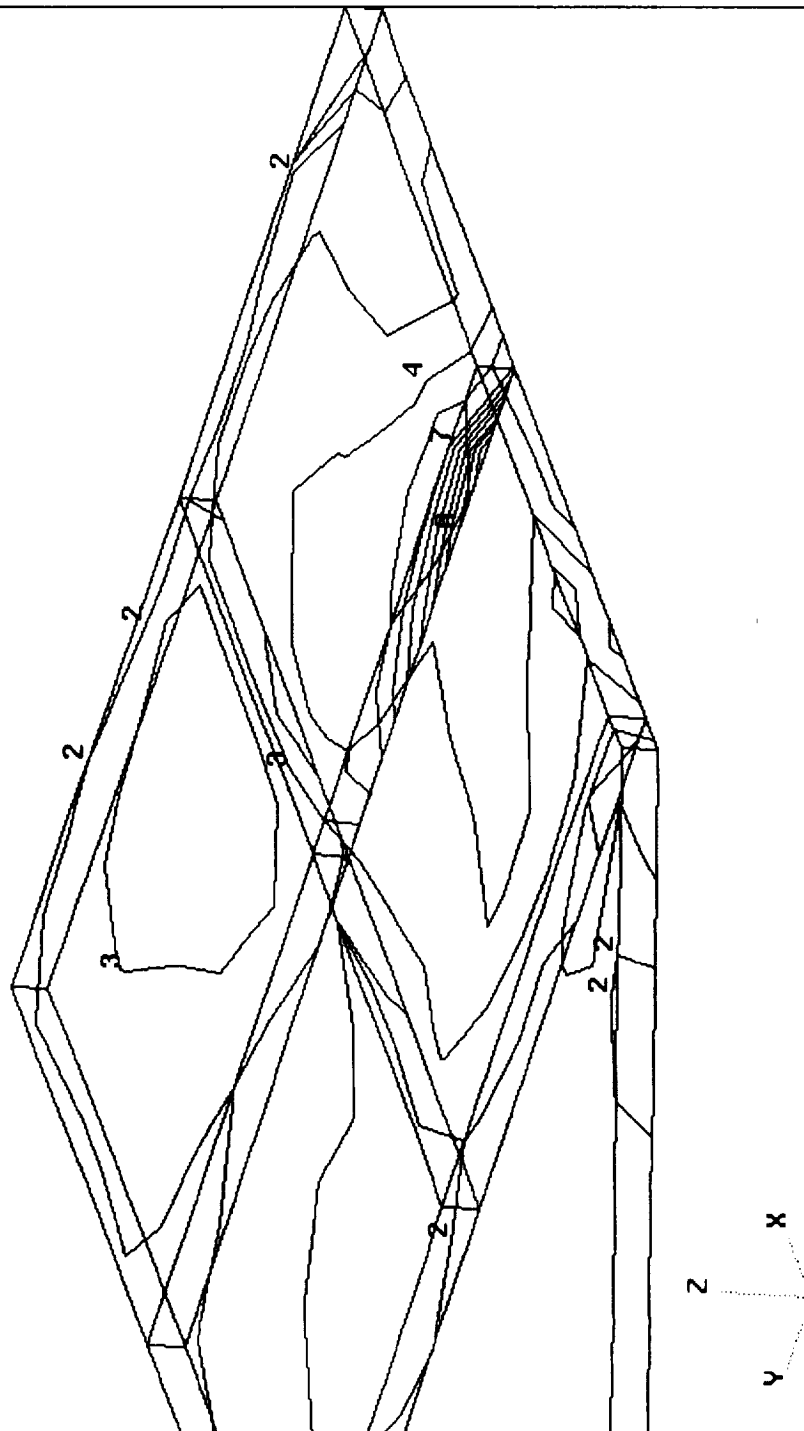
DESIGN LIMIT LOAD X
Y

Figure B24 Base Plate, High Stress Area Y Axis Load

Time: 17:32:56
Date: 03/05/96

Contour
Node Scalar1

Color Index

—	8	0.713E+04
—	8	0.646E+04
—	0	0.580E+04
—	9	0.514E+04
—	8	0.448E+04
—	7	0.382E+04
—	6	0.316E+04
—	5	0.250E+04
—	4	0.184E+04
—	3	0.118E+04
—	2	0.514E+03
—	1	-0.147E+03

Min = -1.470667E+02

Max = 7.786918E+03

Min ID= 21908

Max ID= 22228

yzMax:

Stress Tensor

Max Principal

At 22

DESIGN LIMIT LOAD X

y

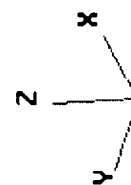
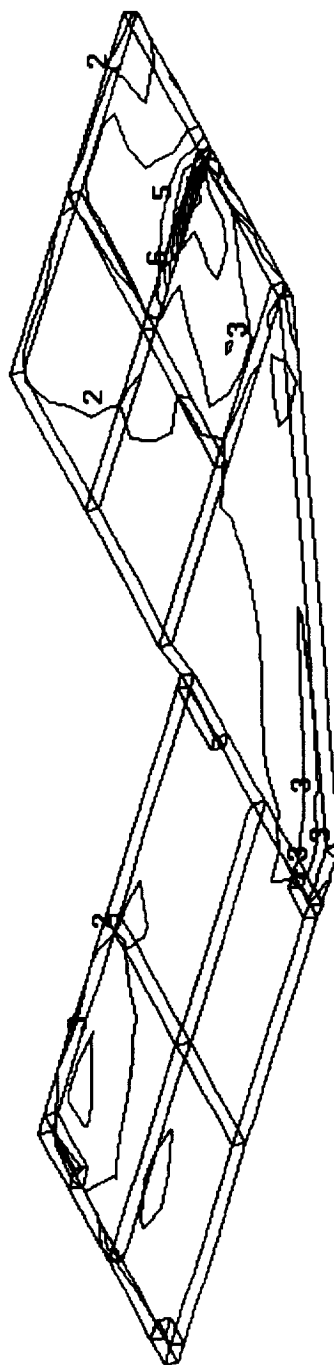


Figure B25 Base Plate (1356949) Y Axis Load

Time: 17:32:56
Date: 03/05/96

Contour
Node Scalar1

Color Index

—	8	0.713E+04
—	8	0.646E+04
—	0	0.580E+04
—	9	0.514E+04
—	8	0.448E+04
—	7	0.382E+04
—	6	0.316E+04
—	5	0.250E+04
—	4	0.184E+04
—	3	0.118E+04
—	2	0.514E+03
—	1	-0.147E+03

Min = -1.470667E+02

Max = 7.786918E+03

Min ID= 21908

Max ID= 22228

yz2max:

Stress Tensor

Max Principal

At 22

DESIGN LIMIT LOAD X
Y

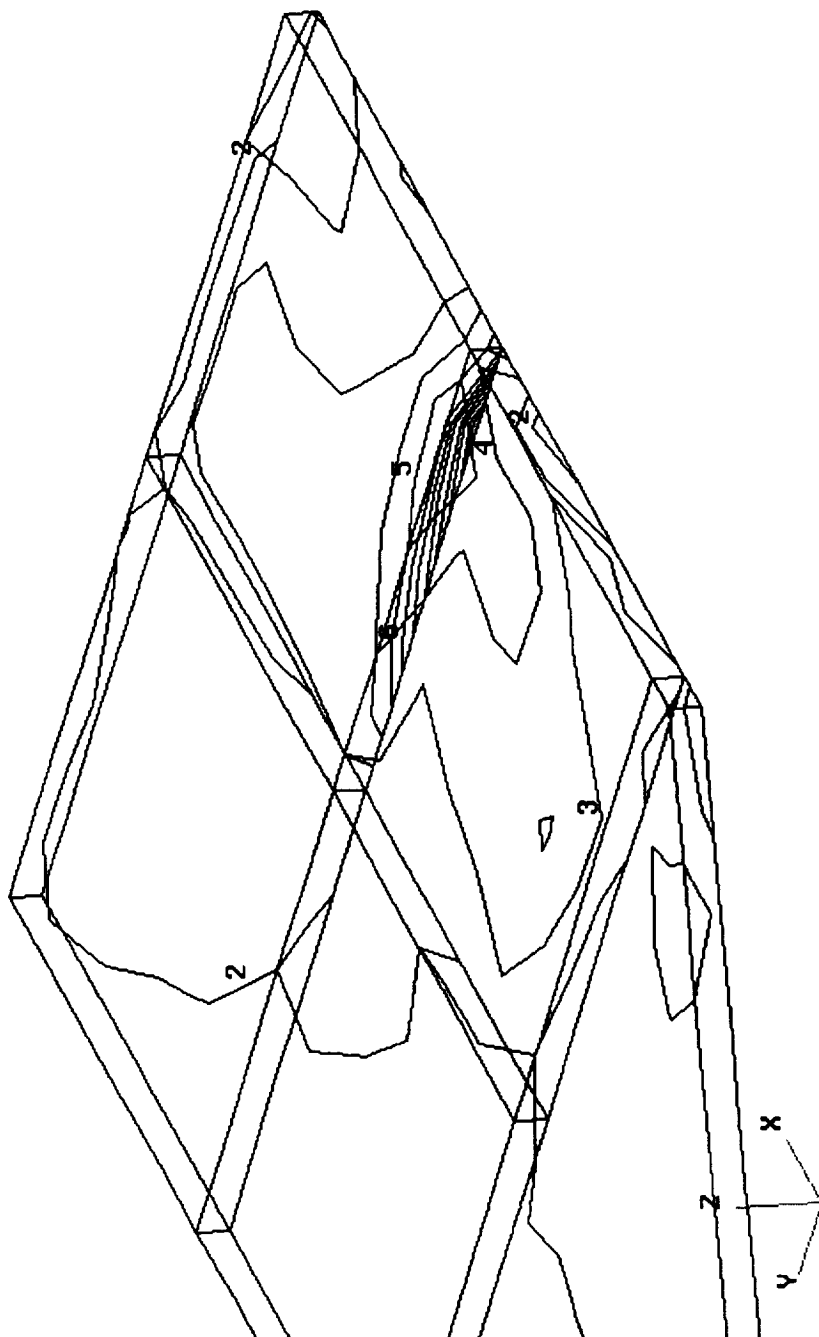


Figure B26 Base Plate, High Stress Area Y Axis Load

Time: 09:46:59
Date: 03/13/96

Contour
Node Scalar1

Color Index

—	8	0.590E+03
—	8	0.539E+03
—	0	0.489E+03
—	9	0.438E+03
—	8	0.388E+03
—	7	0.337E+03
—	6	0.287E+03
—	5	0.236E+03
—	4	0.186E+03
—	3	0.135E+03
—	2	0.846E+02
—	1	0.341E+02

Min = 3.408016E+01
Max = 6.405678E+02
Min ID= 21357
Max ID= 20468
circuitcaeds:
Stress Tensor

Von Mises
At 21

DESIGN LIMIT LOAD X
Y

Report 10515
1 Apr 96

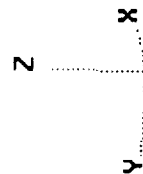
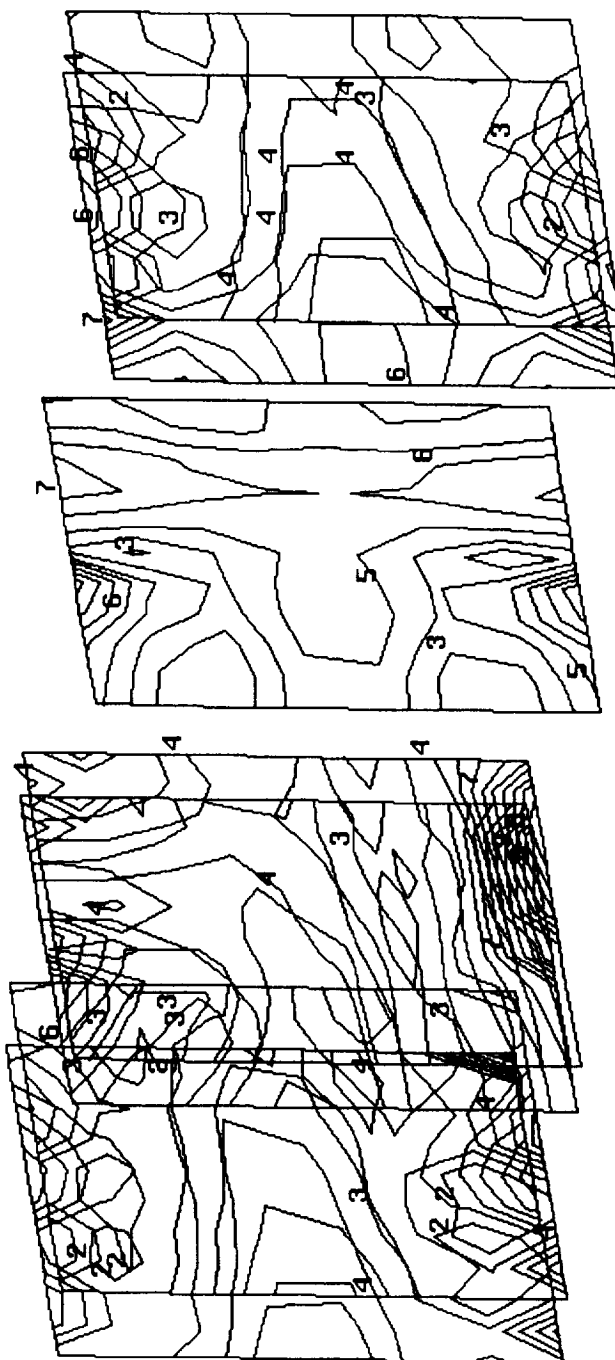


Figure B27 Circuit Cards Y Axis Load

Time: 09:42:29
Date: 03/13/96

Contour
Node Scalar1

Color Index

—	8	0.475E+03
—	9	0.432E+03
—	0	0.389E+03
—	9	0.346E+03
—	8	0.303E+03
—	7	0.259E+03
—	6	0.216E+03
—	5	0.173E+03
—	4	0.130E+03
—	3	0.864E+02
—	2	0.432E+02
—	1	-0.322E-01

Min = -3.221539E-02

Max = 5.187120E+02

Min IO= 21384

Max IO= 23599

yzImax:

Stress Tensor

Max Principal
At 21

DESIGN LIMIT LOAD X
y

Report 10515
1 Apr 96

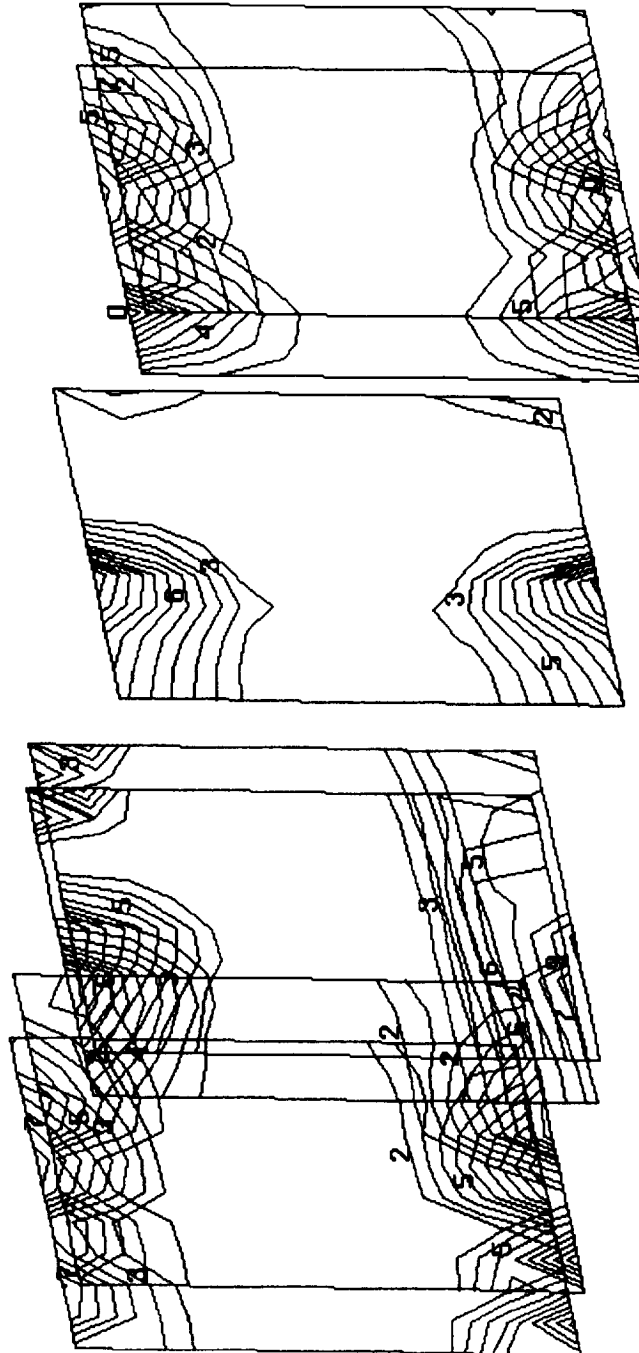


Figure B28 Circuit Cards Y Axis Load

Time: 08:48:31
Date: 03/13/96

Contour
Node Scalar1

Color Index

—	8	0.182E+04
—	8	0.165E+04
—	0	0.149E+04
—	9	0.133E+04
—	8	0.116E+04
—	7	0.998E+03
—	6	0.834E+03
—	5	0.670E+03
—	4	0.506E+03
—	3	0.341E+03
—	2	0.177E+03
—	1	0.132E+02

Min = 1.318450E+01

Max = 1.982817E+03

Min ID= 22609

Max ID= 22581

cardcage:

Stress Tensor

Von Mises

At 22

DESIGN LIMIT LOAD X
Y

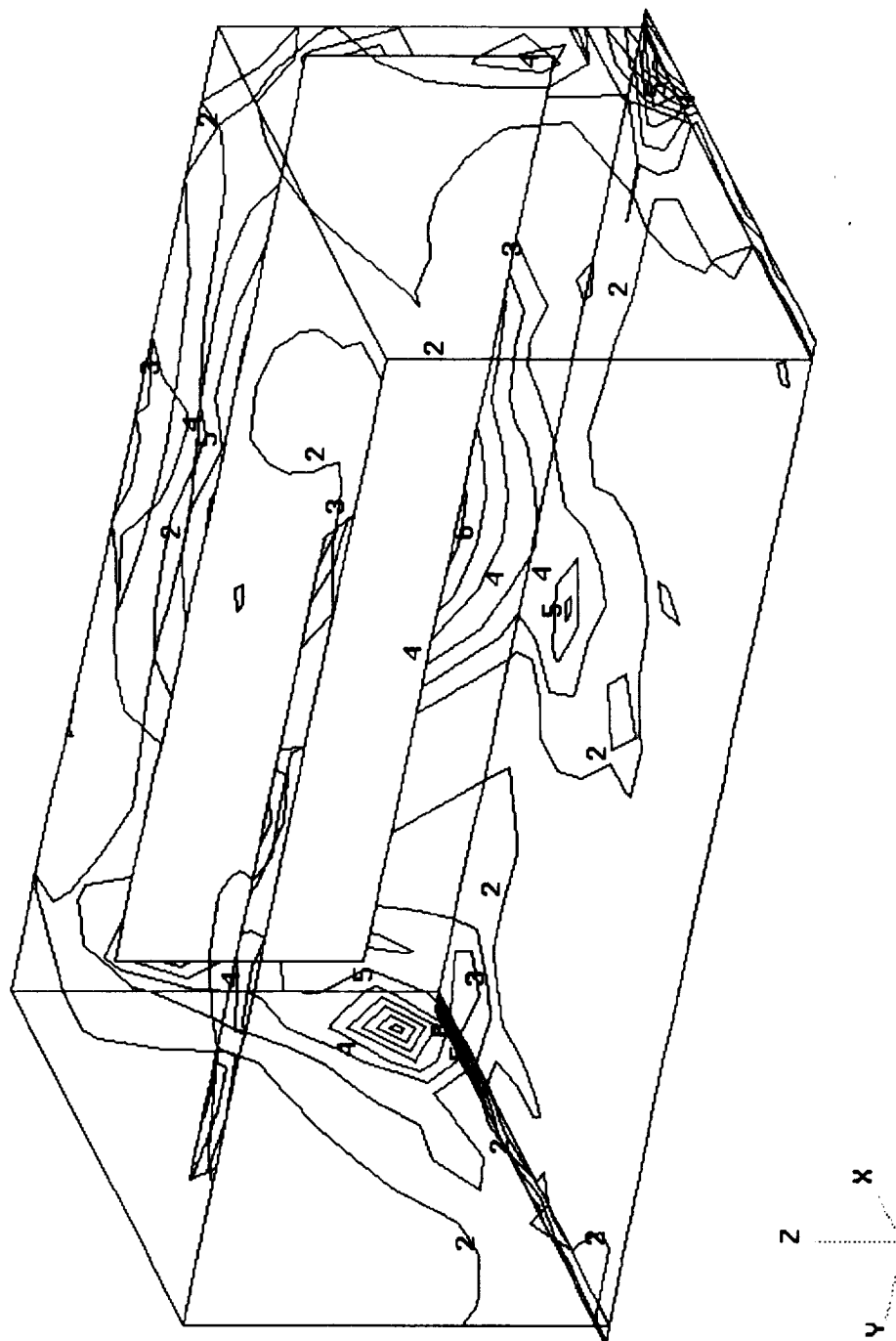


Figure B29 Card Cage (1331330) Z Axis Load

Time: 10:45:16
Date: 03/06/96

Contour
Node Scalar1

Color Index

—	8	0.209E+04
—	8	0.189E+04
—	0	0.169E+04
—	9	0.149E+04
—	8	0.129E+04
—	7	0.109E+04
—	6	0.888E+03
—	5	0.689E+03
—	4	0.489E+03
—	3	0.289E+03
—	2	0.891E+02
—	1	-0.111E+03

Min = -1.107222E+02

Max = 2.287137E+03

Min ID= 20302

Max ID= 22581

zz2max:

Stress Tensor

Max Principal
At Z2

DESIGN LIMIT LOAD X
Y

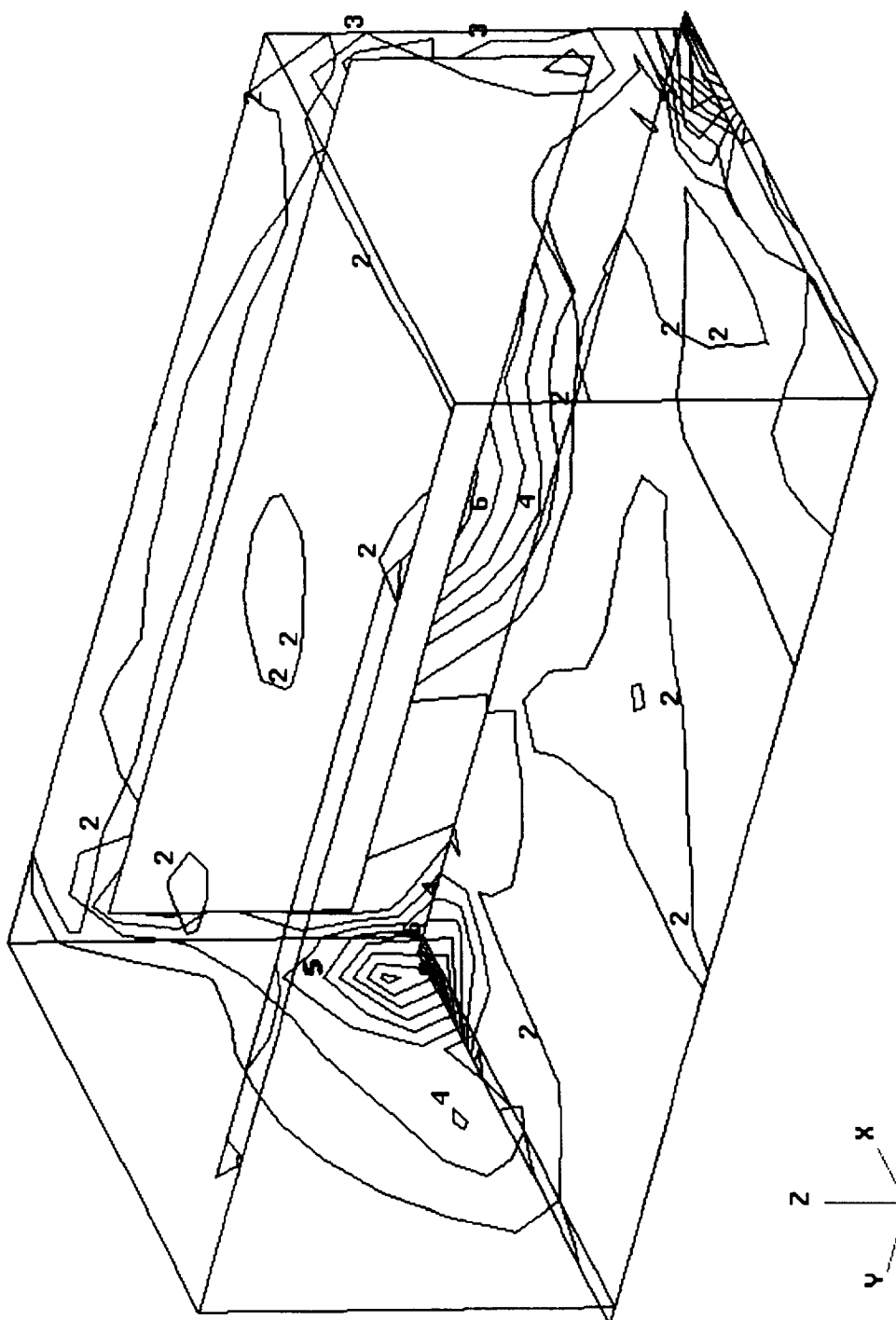


Figure B30 Card Cage Z Axis Load

Baseplate Analysis (Dwg 1356968)

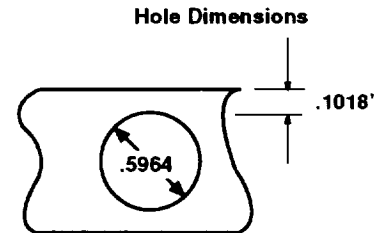
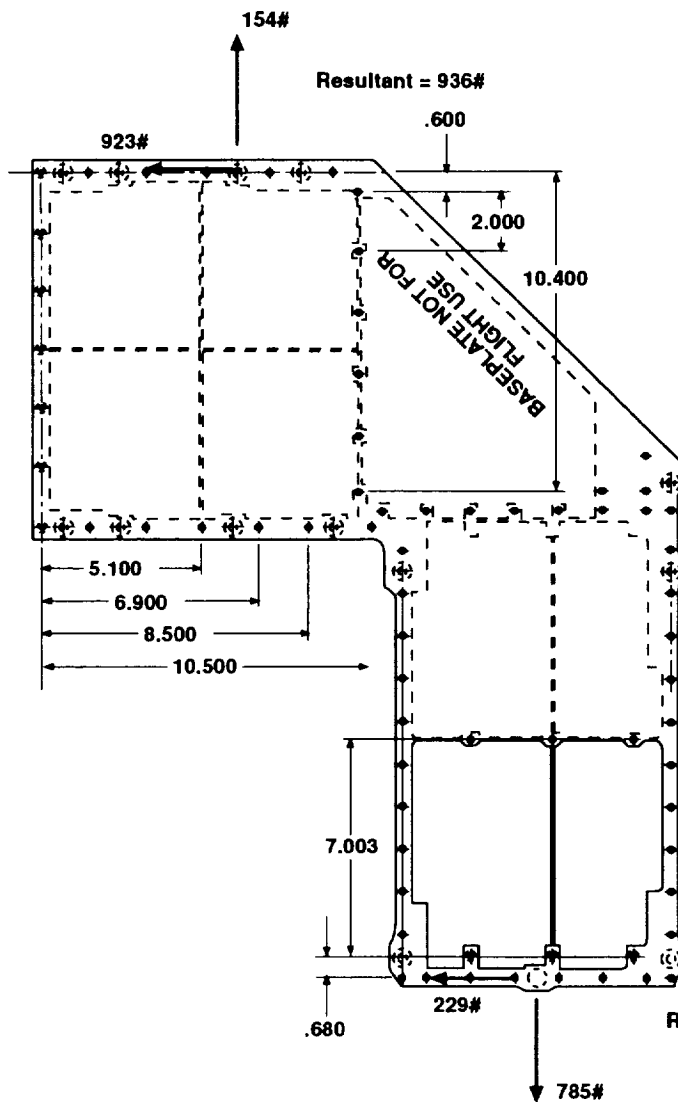
Maximum principal stress occurs at rib beneath warmload area. From Figure B26,

$$T_{max} = 7787 \text{ psi}$$

$$T_{ult} = 42,000 \text{ psi (6060-T651)}$$

$$M.S. = \frac{42,000}{1.4 (7787)} - 1 = 2.9$$

Restraint forces for all load cases are summarized in Table B1. The peak lateral forces at a shear pin occur for load case 1. A worst case direction for Y component force is assumed. The forces are depicted in the sketches below. The vector sum of the component forces will be used to check bearing and shear tear-out failures at the shear pin holes.



Baseplate Thick = 0.375'

Material: 6061 - T651

$T_{bru} = 67,000 \text{ psi}$

$T_{su} = 27,000 \text{ psi}$

296-3036M

BEARING

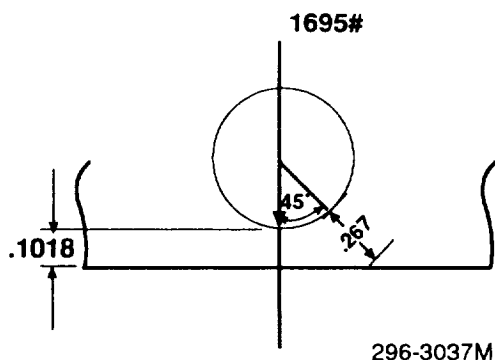
$$T = \frac{F}{D_t}$$

$$T = \frac{936}{0.5964(.375)} = 7579 \text{ psi}$$

$$\text{M.S.} = \frac{67,000}{1.4(4185)} - 1 = 5.31$$

Sketch 1

TEAR-OUT



Assuming Max. Shear
Stress Occurs At 45°
To Center Line:

$$T = \frac{F}{2l_s t}$$

$$T = \frac{936}{2(.267)(.375)} = 4674 \text{ psi}$$

$$T_{ult} = 27,000 \text{ psi}$$

$$M.S. = \frac{27,000}{1.4(4674)} - 1 = \underline{3.1}$$

DOWEL PIN (D22 - 750)

Material: 416 Stainless Steel

$$T_{tu} = 170,000 \text{ psi}$$

$$T_{su} = .6(170,000) = 102,000 \text{ psi}$$

$$T = \frac{F_R}{A} = \frac{936}{\frac{\pi}{4}(.375)^2} = 8,475 \text{ psi}$$

$$M.S. = \frac{102,000}{1.4(8475)} - 1 = \underline{37.6}$$

Sketch 2

INTERFACE ATTACHMENT SCREWS

Screw Size: 0.190 - 32 THD (#10), NAS 1351

Material: AMS 5731 Low Alloy Steel

$$T_{ult} = 160,000 \text{ psi}$$

Maximum Tensile And Compressive Force

At A SPC Occurs For Load Case

1 At Grid Point 22783

For Screw: $A_T = 0.01985 \text{ in}^2$

$$T_T = \frac{550}{0.01985} = 27,708 \text{ psi}$$

$$M.S. = \frac{160,000}{1.4 (27,708)} - 1 = \underline{3.1}$$

For Isolator Spacer (1333395 - 6):

$$A = \frac{\pi}{4} (.591^2 - .221^2) = .236 \text{ in}^2$$

$$T_C = \frac{550}{.236} = 2331 \text{ psi}$$

G10 Fiber Glass, $T_{ult} = 60,000 \text{ psi}$

$$M.S. = \frac{60,000}{1.4 (2331)} - 1 = \underline{17.4}$$

296-3050M

Sketch 3

Table B1 Design Limit Load Restraint Forces

Load Case ID	Grid Point ID	Fx (lb)	Fy (lb)	Fz (lb)
1	22200	-923	154	
	22458	-499	-154	
	22783			-550
	22484			92
	22785			386
	22786			495
	22787			149
	22788			76
	27889			-42
	27890			-67
	27891			316
	27892			-315
	27893			-540
2	22200	-229	-637	
	22458	229	-785	
	22783			-368
	22784			-118
	22785			-300
	22786			404
	22787			109
	22788			50
	22789			-13
	22790			-119
	22791			342
	22792			306
	22793			-294
3	22200	3	-8	
	22458	-3	8	
	22783			-108
	22784			-110
	22785			-258
	22786			-199
	22787			-82
	22788			-83
	22789			-85
	22790			-153
	22791			-132
	22792			-93
	22793			-118

APPENDIX C
RANDOM VIBRATION NASTRAN OUTPUT

The RF shelf support side panel which interfaces with the card cage connector panel, exhibits the largest membrane forces at the side panels/baseplate interface. Shell element 20022 has a 71.2 lb/in axial force for the X axis random vibration loading.

A refined mesh model of the lower right-hand pocket was created with the local gusset in this area included. Figure C1 shows the model. The interface flange was model with a total thickness of 0.475 inches, with the vertical ribs and panel wall thickness at 0.05 inches. Gusset thickness is 0.1 inch.

The boundary restraints and grid point forces applied to the model are shown in Figures C2 and C3. The #10 screw hole perimeter is fixed in all six degrees of freedom. The grid point forces are equivalent to the peak distributed force of 213.6 lb/in.

The resulting max principal stress contour plots are shown in Figures C4 and C5. A maximum stress of 18,476 psi occurs at the screw hole. The resulting yield margin of safety is 0.55.

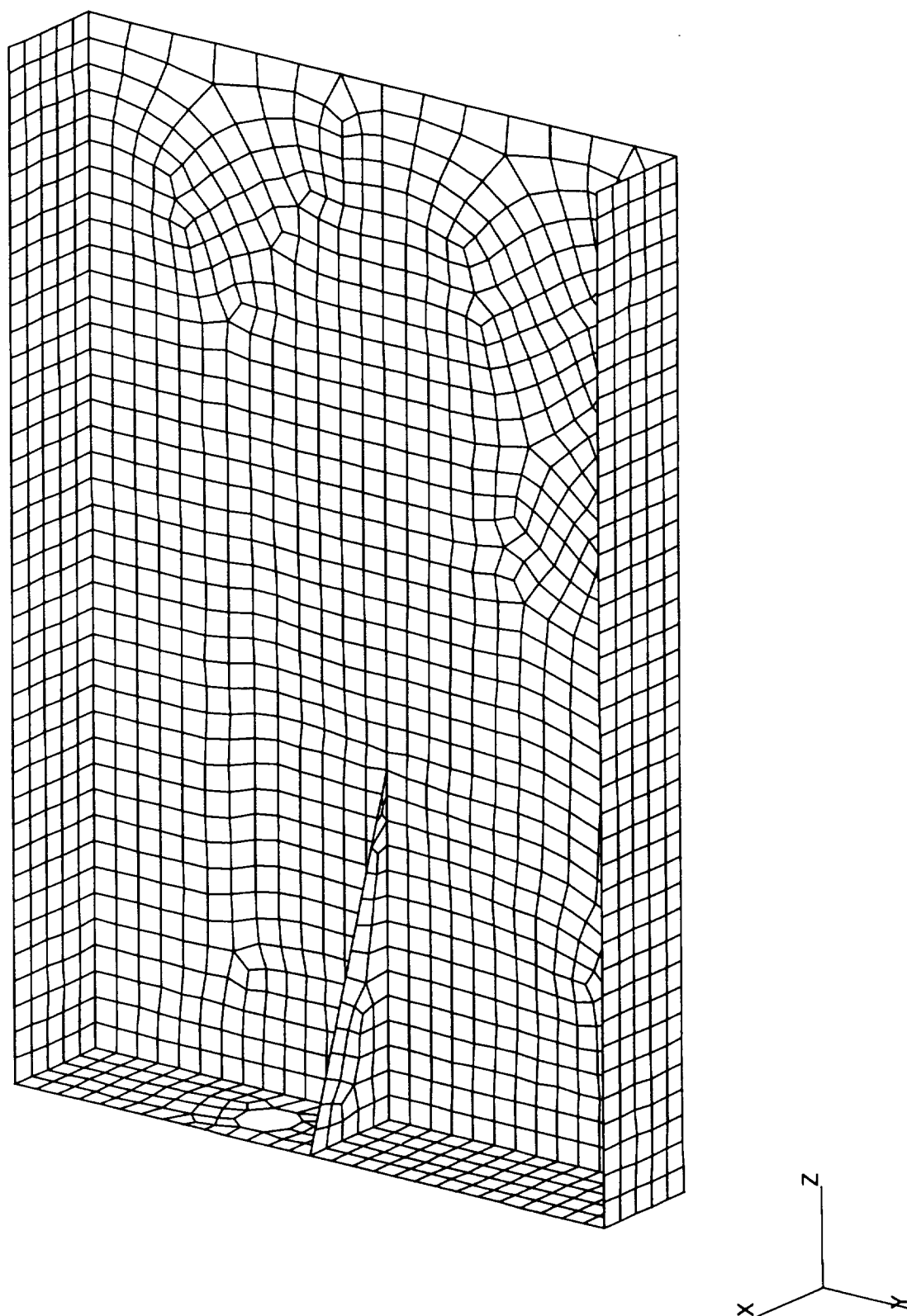


Figure C1 Refined Model RF Shelf Support Side Panel

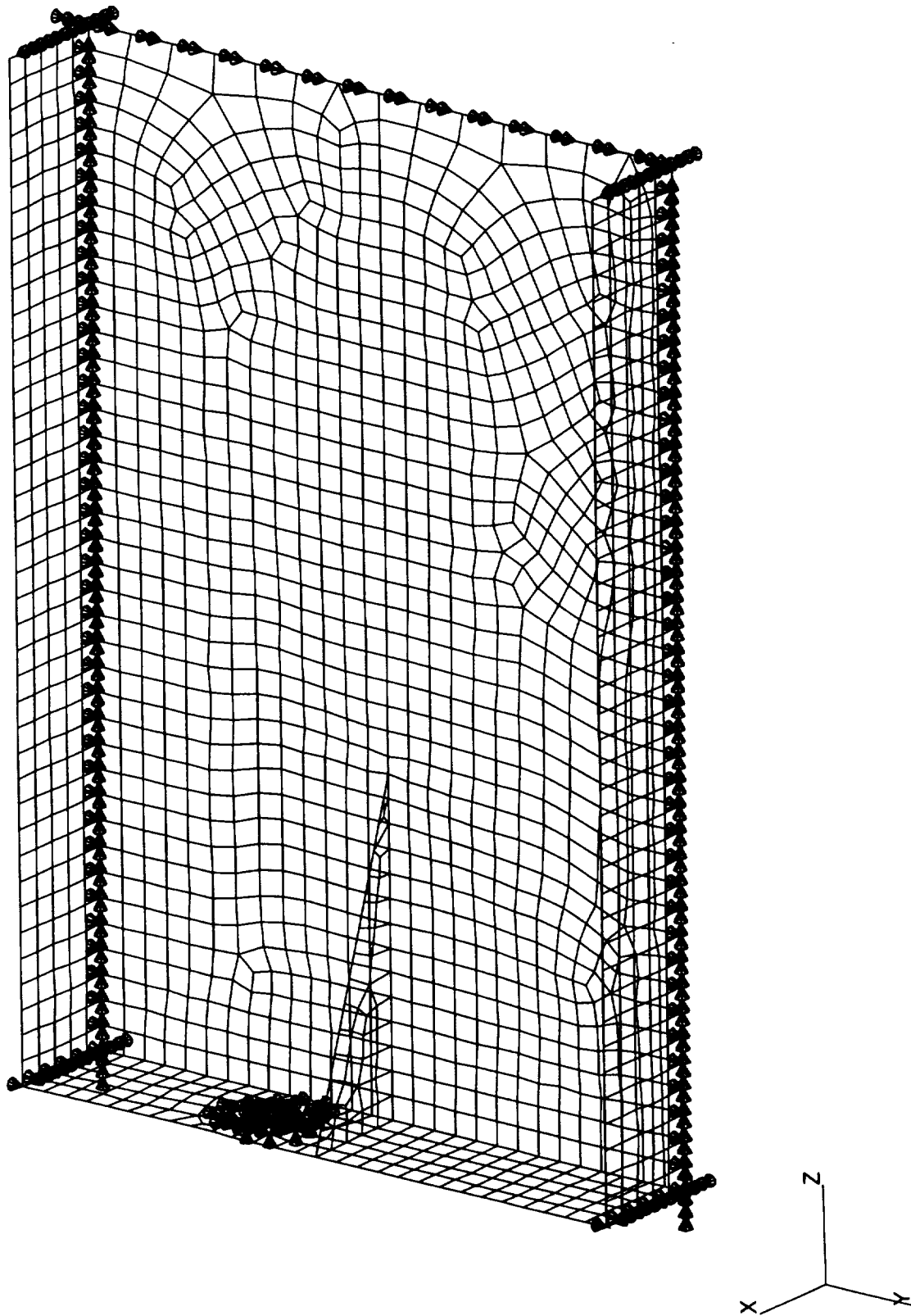


Figure C2 Boundary Restraints

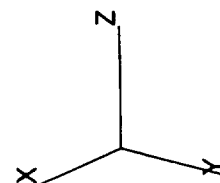
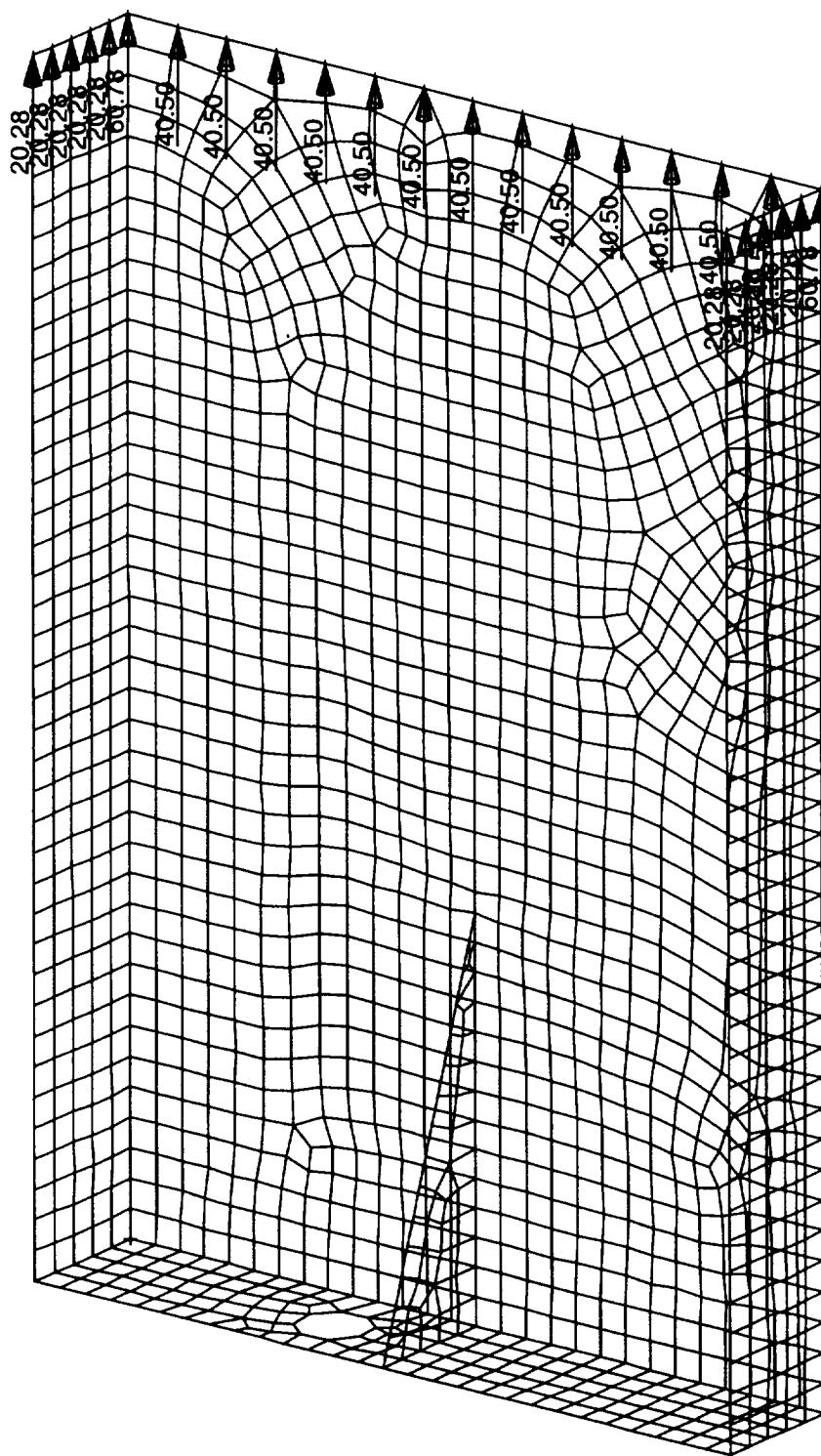


Figure C3 Peak Membrank Force

Time: 12:09:21
Date: 03/08/96

Contour
Node Scalar1

Color Index

—	8	0.111E+05
—	8	0.100E+05
—	0	0.901E+04
—	9	0.799E+04
—	8	0.697E+04
—	7	0.594E+04
—	6	0.492E+04
—	5	0.389E+04
—	4	0.287E+04
—	3	0.184E+04
—	2	0.820E+03
—	1	-0.204E+03

Min = -2.042466E+02

Max = 1.208713E+04

Min ID= 251

Max ID= 396

maxsurf1:

STRESS

COMPONENTS

Max Principal

Layer 1 at shell top surface

newload

MAX DEFLECTION = 5.96

Report 10515
1 Apr 96

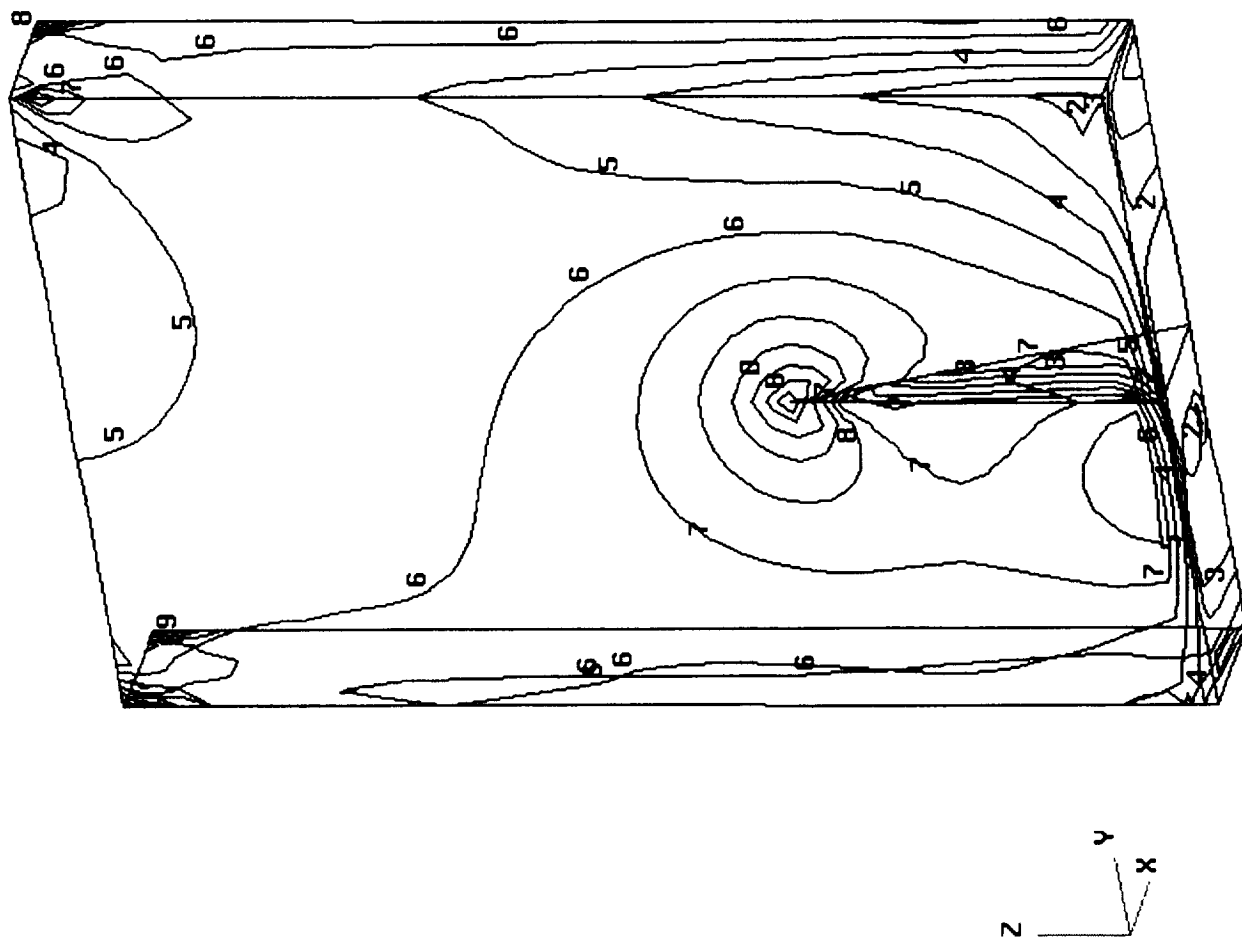


Figure C4 Max Principal Stress Top Surface

Time: 12:12:45
Date: 03/08/96

Contour
Node Scalar1

Color Index

— 8	0.169E+05
— 8	0.154E+05
— 0	0.139E+05
— 9	0.123E+05
— 8	0.108E+05
— 7	0.923E+04
— 6	0.769E+04
— 5	0.615E+04
— 4	0.461E+04
— 3	0.307E+04
— 2	0.153E+04
— 1	-0.105E+02

Min = -1.045029E+01

Max = 1.847579E+04

Min ID= 325

Max ID= 475

maxsurf2:

STRESS

COMPONENTS

Max Principal

Layer 3 at shell bottom

newload

MAX DEFLECTION = 5.98

Report I0515
1 Apr 96

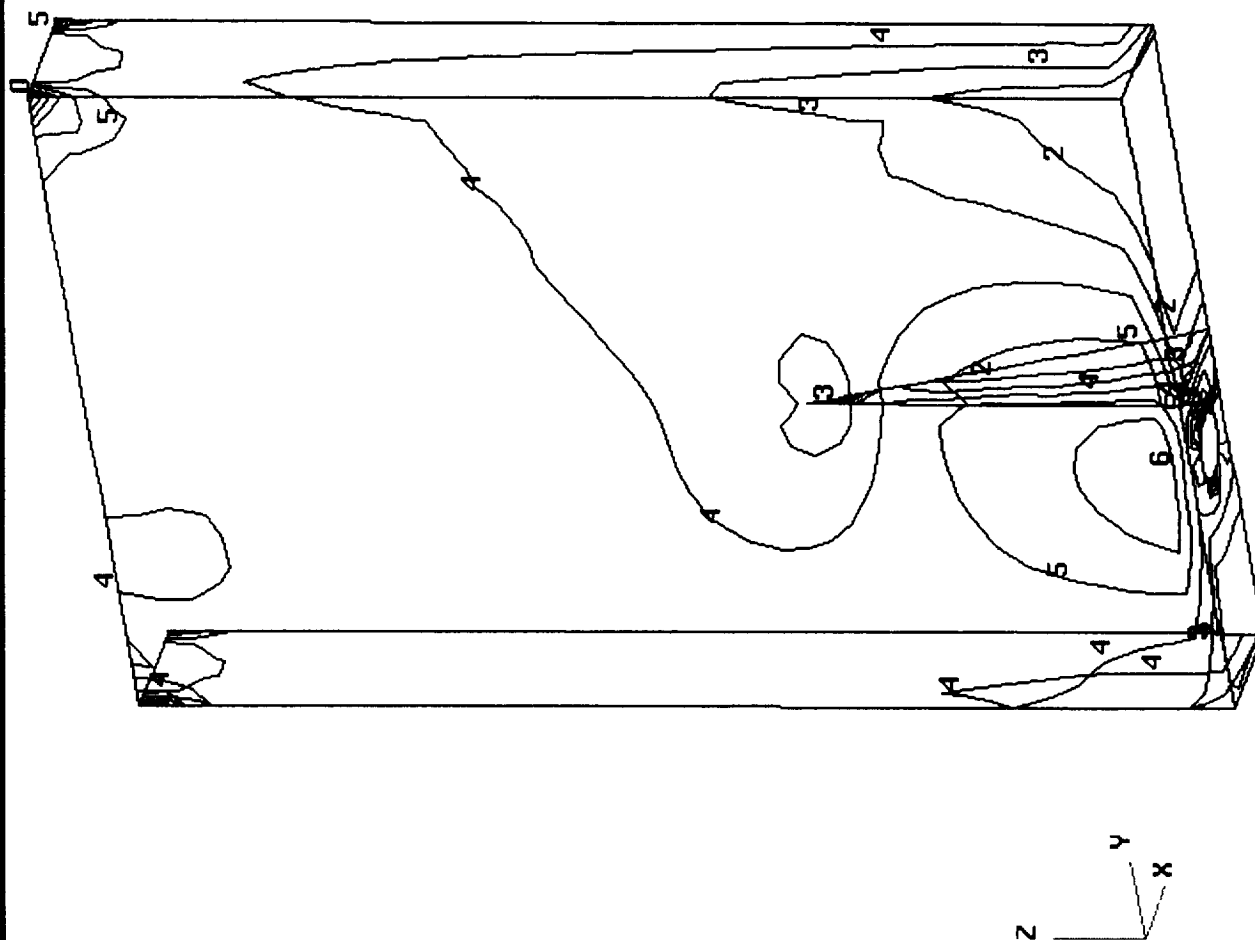


Figure C5 Max Principal Stress Bottom Surface

NATURAL FREQUENCY OUTPUT

E I G E N V A L U E A N A L Y S I S S U M M A R Y (L A N C Z O S I T E R A T I O N)

BLOCK SIZE USED 7
NUMBER OF DECOMPOSITIONS 11
NUMBER OF ROOTS FOUND 520
NUMBER OF SOLVES REQUIRED 230
TERMINATION MESSAGE : REQUIRED NUMBER OF EIGENVALUES FOUND.

Y AXIS PSD RESPONSE

MODE NO.	EXTRACTION ORDER	EIGENVALUE	RADIANS	CYCLES	GENERALIZED MASS	GENERALIZED STIFFNESS
1	1	0.0	0.0	0.0	1.000000E+00	0.0
2	2	3.731149E-10	2.954852E-05	4.702793E-06	1.000000E+00	9.731149E-10
3	3	9.313226E-10	3.051759E-05	4.857023E-06	1.000000E+00	9.313226E-10
4	4	4.371220E+03	6.612050E+02	1.052340E+02	1.000000E+00	4.371220E+03
5	5	5.859628E+05	7.654821E+02	1.218302E+02	1.000000E+00	5.859628E+05
6	6	5.940556E+05	7.707698E+02	1.226716E+02	1.000000E+00	5.940556E+05
7	7	8.224666E+05	9.069006E+02	1.443377E+02	1.000000E+00	8.224666E+05
8	8	8.251486E+05	9.083769E+02	1.445727E+02	1.000000E+00	8.251486E+05
9	9	8.633215E+05	9.291509E+02	1.478730E+02	1.000000E+00	8.633215E+05
10	10	8.905590E+05	9.436943E+02	1.501936E+02	1.000000E+00	8.905590E+05
11	11	1.022976E+06	1.011423E+03	1.609729E+02	1.000000E+00	1.022976E+06
12	12	1.080671E+06	1.039553E+03	1.654500E+02	1.000000E+00	1.080671E+06
13	13	1.187172E+06	1.089574E+03	1.734111E+02	1.000000E+00	1.187172E+06
14	14	1.255034E+06	1.120283E+03	1.782936E+02	1.000000E+00	1.255034E+06
15	15	1.288739E+06	1.135227E+03	1.806769E+02	1.000000E+00	1.288739E+06
16	16	1.306219E+06	1.142900E+03	1.818981E+02	1.000000E+00	1.306219E+06
17	17	1.316669E+06	1.147482E+03	1.826242E+02	1.000000E+00	1.316669E+06
18	18	1.322389E+06	1.149952E+03	1.830205E+02	1.000000E+00	1.322389E+06
19	19	1.341127E+06	1.158070E+03	1.843126E+02	1.000000E+00	1.341127E+06
20	20	1.365301E+06	1.176988E+03	1.873235E+02	1.000000E+00	1.365301E+06
21	21	1.387782E+06	1.178041E+03	1.874911E+02	1.000000E+00	1.387782E+06
22	22	1.515436E+06	1.230206E+03	1.957933E+02	1.000000E+00	1.515436E+06
23	23	1.751495E+06	1.323441E+03	2.106321E+02	1.000000E+00	1.751495E+06
24	24	1.804123E+06	1.343788E+03	2.137733E+02	1.000000E+00	1.804123E+06
25	25	1.843861E+06	1.357889E+03	2.16147E+02	1.000000E+00	1.843861E+06
26	26	1.913977E+06	1.383465E+03	2.201854E+02	1.000000E+00	1.913977E+06
27	27	1.955854E+06	1.398518E+03	2.225811E+02	1.000000E+00	1.955854E+06
28	28	2.015411E+06	1.419652E+03	2.259441E+02	1.000000E+00	2.015411E+06
29	29	2.051367E+06	1.432259E+03	2.279511E+02	1.000000E+00	2.051367E+06
30	30	2.056303E+06	1.433983E+03	2.282255E+02	1.000000E+00	2.056303E+06
31	31	2.093775E+06	1.446989E+03	2.302935E+02	1.000000E+00	2.093775E+06
32	32	2.096813E+06	1.448040E+03	2.304625E+02	1.000000E+00	2.096813E+06
33	33	2.154501E+06	1.467856E+03	2.336165E+02	1.000000E+00	2.154501E+06
34	34	2.316598E+06	1.522037E+03	2.422338E+02	1.000000E+00	2.316598E+06
35	35	2.493424E+06	1.579058E+03	2.513148E+02	1.000000E+00	2.493424E+06
36	36	2.527846E+06	1.589920E+03	2.530436E+02	1.000000E+00	2.527846E+06
37	37	2.549110E+06	1.596593E+03	2.541057E+02	1.000000E+00	2.549110E+06
38	38	2.583760E+06	1.606474E+03	2.556783E+02	1.000000E+00	2.583760E+06
39	39	2.642245E+06	1.625499E+03	2.587051E+02	1.000000E+00	2.642245E+06
40	40	2.723417E+06	1.649369E+03	2.625052E+02	1.000000E+00	2.723417E+06
41	41	2.759031E+06	1.661033E+03	2.643616E+02	1.000000E+00	2.759031E+06
42	42	2.856719E+06	1.690183E+03	2.690010E+02	1.000000E+00	2.856719E+06
43	43	2.960579E+06	1.720633E+03	2.738473E+02	1.000000E+00	2.960579E+06
44	44	3.042649E+06	1.744319E+03	2.776170E+02	1.000000E+00	3.042649E+06
45	45	3.099886E+06	1.760649E+03	2.802150E+02	1.000000E+00	3.099886E+06
46	46	3.129884E+06	1.769148E+03	2.815686E+02	1.000000E+00	3.129884E+06
47	47	3.257742E+06	1.804922E+03	2.872625E+02	1.000000E+00	3.257742E+06
48	48	3.427010E+06	1.851219E+03	2.946306E+02	1.000000E+00	3.427010E+06
49	49	3.506637E+06	1.872602E+03	2.980338E+02	1.000000E+00	3.506637E+06
50	50	3.617212E+06	1.901897E+03	3.026953E+02	1.000000E+00	3.617212E+06

Y AXIS PSD RESPONSE

MODE NO.		EXTRACTION ORDER		EIGENVALUE		R E A L F E I G E N V A L U E S RADIANS CYCLES		GENERALIZED MASS		GENERALIZED STIFFNESS	
51	51	51	51	3.646592E+06	1.909605E+03	3.039231E-02	3.039231E-02	1.000000E+00	1.000000E+00	3.646592E+06	3.646592E+06
52	52	52	52	3.741200E+06	1.934218E+03	3.078404E-02	3.078404E-02	1.000000E+00	1.000000E+00	3.741200E+06	3.741200E+06
53	53	53	53	3.757975E+06	1.938550E+03	3.085297E-02	3.085297E-02	1.000000E+00	1.000000E+00	3.757975E+06	3.757975E+06
54	54	54	54	3.872372E+06	1.967834E+03	3.131906E-02	3.131906E-02	1.000000E+00	1.000000E+00	3.872372E+06	3.872372E+06
55	55	55	55	3.938178E+06	1.984448E+03	3.158405E-02	3.158405E-02	1.000000E+00	1.000000E+00	3.938178E+06	3.938178E+06
56	56	56	56	4.154178E+06	2.038180E+03	3.243864E-02	3.243864E-02	1.000000E+00	1.000000E+00	4.154178E+06	4.154178E+06
57	57	57	57	4.397127E+06	2.096933E+03	3.337372E-02	3.337372E-02	1.000000E+00	1.000000E+00	4.397127E+06	4.397127E+06
58	58	58	58	4.412421E+06	2.100576E+03	3.343171E-02	3.343171E-02	1.000000E+00	1.000000E+00	4.412421E+06	4.412421E+06
59	59	59	59	4.414593E+06	2.101093E+03	3.343994E-02	3.343994E-02	1.000000E+00	1.000000E+00	4.414593E+06	4.414593E+06
60	60	60	60	4.484565E+06	2.117748E+03	3.370500E-02	3.370500E-02	1.000000E+00	1.000000E+00	4.484565E+06	4.484565E+06
61	61	61	61	4.509563E+06	2.123642E+03	3.379881E-02	3.379881E-02	1.000000E+00	1.000000E+00	4.509563E+06	4.509563E+06
62	62	62	62	4.572259E+06	2.138424E+03	3.403408E-02	3.403408E-02	1.000000E+00	1.000000E+00	4.572259E+06	4.572259E+06
63	63	63	63	4.635493E+06	2.153020E+03	3.426637E-02	3.426637E-02	1.000000E+00	1.000000E+00	4.635493E+06	4.635493E+06
64	64	64	64	4.653716E+06	2.157247E+03	3.433356E-02	3.433356E-02	1.000000E+00	1.000000E+00	4.653716E+06	4.653716E+06
65	65	65	65	4.816066E+06	2.194554E+03	3.492740E-02	3.492740E-02	1.000000E+00	1.000000E+00	4.816066E+06	4.816066E+06
66	66	66	66	4.942243E+06	2.22315E+03	3.538198E-02	3.538198E-02	1.000000E+00	1.000000E+00	4.942243E+06	4.942243E+06
67	67	67	67	5.032045E+06	2.243222E+03	3.570198E-02	3.570198E-02	1.000000E+00	1.000000E+00	5.032045E+06	5.032045E+06
68	68	68	68	5.090306E+06	2.256171E+03	3.590807E-02	3.590807E-02	1.000000E+00	1.000000E+00	5.090306E+06	5.090306E+06
69	69	69	69	5.140637E+06	2.267297E+03	3.608515E-02	3.608515E-02	1.000000E+00	1.000000E+00	5.140637E+06	5.140637E+06
70	70	70	70	5.308670E+06	2.304055E+03	3.667018E-02	3.667018E-02	1.000000E+00	1.000000E+00	5.308670E+06	5.308670E+06
71	71	71	71	5.369483E+06	2.317215E+03	3.687961E-02	3.687961E-02	1.000000E+00	1.000000E+00	5.369483E+06	5.369483E+06
72	72	72	72	5.843311E+06	2.417294E+03	3.847243E-02	3.847243E-02	1.000000E+00	1.000000E+00	5.843311E+06	5.843311E+06
73	73	73	73	5.894504E+06	2.427860E+03	3.864055E-02	3.864055E-02	1.000000E+00	1.000000E+00	5.894504E+06	5.894504E+06
74	74	74	74	5.943840E+06	2.437999E+03	3.880196E-02	3.880196E-02	1.000000E+00	1.000000E+00	5.943840E+06	5.943840E+06
75	75	75	75	5.986907E+06	2.446795E+03	3.894195E-02	3.894195E-02	1.000000E+00	1.000000E+00	5.986907E+06	5.986907E+06
76	76	76	76	6.018155E+06	2.453194E+03	3.904379E-02	3.904379E-02	1.000000E+00	1.000000E+00	6.018155E+06	6.018155E+06
77	77	77	77	6.036569E+06	2.456943E+03	3.910346E-02	3.910346E-02	1.000000E+00	1.000000E+00	6.036569E+06	6.036569E+06
78	78	78	78	6.102604E+06	2.470345E+03	3.931676E-02	3.931676E-02	1.000000E+00	1.000000E+00	6.102604E+06	6.102604E+06
79	79	79	79	6.180044E+06	2.485969E+03	3.956543E-02	3.956543E-02	1.000000E+00	1.000000E+00	6.180044E+06	6.180044E+06
80	80	80	80	6.221515E+06	2.494377E+03	3.969924E-02	3.969924E-02	1.000000E+00	1.000000E+00	6.221515E+06	6.221515E+06
81	81	81	81	6.243206E+06	2.498641E+03	3.976710E-02	3.976710E-02	1.000000E+00	1.000000E+00	6.243206E+06	6.243206E+06
82	82	82	82	6.275743E+06	2.505143E+03	3.987059E-02	3.987059E-02	1.000000E+00	1.000000E+00	6.275743E+06	6.275743E+06
83	83	83	83	6.414733E+06	2.532732E+03	4.030968E-02	4.030968E-02	1.000000E+00	1.000000E+00	6.414733E+06	6.414733E+06
84	84	84	84	6.513725E+06	2.552200E+03	4.061352E-02	4.061352E-02	1.000000E+00	1.000000E+00	6.513725E+06	6.513725E+06
85	85	85	85	6.568801E+06	2.562967E+03	4.079089E-02	4.079089E-02	1.000000E+00	1.000000E+00	6.568801E+06	6.568801E+06
86	86	86	86	6.627893E+06	2.574469E+03	4.097395E-02	4.097395E-02	1.000000E+00	1.000000E+00	6.627893E+06	6.627893E+06
87	87	87	87	6.868684E+06	2.620817E+03	4.171150E-02	4.171150E-02	1.000000E+00	1.000000E+00	6.868684E+06	6.868684E+06
88	88	88	88	7.026479E+06	2.650751E+03	4.218801E-02	4.218801E-02	1.000000E+00	1.000000E+00	7.026479E+06	7.026479E+06
89	89	89	89	7.265721E+06	2.695500E+03	4.290022E-02	4.290022E-02	1.000000E+00	1.000000E+00	7.265721E+06	7.265721E+06
90	90	90	90	7.573792E+06	2.752052E+03	4.380027E-02	4.380027E-02	1.000000E+00	1.000000E+00	7.573792E+06	7.573792E+06
91	91	91	91	7.587241E+06	2.754495E+03	4.383914E-02	4.383914E-02	1.000000E+00	1.000000E+00	7.587241E+06	7.587241E+06
92	92	92	92	7.715079E+06	2.777603E+03	4.420692E-02	4.420692E-02	1.000000E+00	1.000000E+00	7.715079E+06	7.715079E+06
93	93	93	93	7.817519E+06	2.795938E+03	4.449944E-02	4.449944E-02	1.000000E+00	1.000000E+00	7.817519E+06	7.817519E+06
94	94	94	94	7.975034E+06	2.824021E+03	4.494569E-02	4.494569E-02	1.000000E+00	1.000000E+00	7.975034E+06	7.975034E+06
95	95	95	95	8.302445E+06	2.881396E+03	4.585885E-02	4.585885E-02	1.000000E+00	1.000000E+00	8.302445E+06	8.302445E+06
96	96	96	96	8.320687E+06	2.884560E+03	4.590920E-02	4.590920E-02	1.000000E+00	1.000000E+00	8.320687E+06	8.320687E+06
97	97	97	97	8.456520E+06	2.908010E+03	4.528241E-02	4.528241E-02	1.000000E+00	1.000000E+00	8.456520E+06	8.456520E+06
98	98	98	98	8.505227E+06	2.916372E+03	4.541551E-02	4.541551E-02	1.000000E+00	1.000000E+00	8.505227E+06	8.505227E+06
99	99	99	99	8.774987E+06	2.962260E+03	4.714584E-02	4.714584E-02	1.000000E+00	1.000000E+00	8.774987E+06	8.774987E+06
100	100	100	100	8.800745E+06	2.966605E+03	4.721498E-02	4.721498E-02	1.000000E+00	1.000000E+00	8.800745E+06	8.800745E+06

Y AXIS PSD RESPONSE

MODE NO.	EXTRACTION ORDER	EIGENVALUE	RADIANS	CYCLES	GENERALIZED MASS	GENERALIZED STIFFNESS
101	101	8.825143E+05	2.970714E+03	4.728038E+02	1.000000E+00	8.825143E+06
102	102	8.837780E+05	2.972840E+03	4.731422E+02	1.000000E+00	8.837780E+06
103	103	8.892786E+05	2.982077E+03	4.746123E+02	1.000000E+00	8.892786E+06
104	104	8.932751E+05	2.988771E+03	4.756776E+02	1.000000E+00	8.932751E+06
105	105	8.966519E+05	2.994415E+03	4.765759E+02	1.000000E+00	8.966519E+06
106	106	9.049812E+05	3.008291E+03	4.787843E+02	1.000000E+00	9.049812E+06
107	107	9.064392E+05	3.010713E+03	4.791698E+02	1.000000E+00	9.064392E+06
108	108	9.269913E+05	3.044654E+03	4.845717E+02	1.000000E+00	9.269913E+06
109	109	9.535603E+05	3.087977E+03	4.914668E+02	1.000000E+00	9.535603E+06
110	110	9.673756E+05	3.110266E+03	4.950142E+02	1.000000E+00	9.673756E+06
111	111	9.911382E+05	3.148235E+03	5.010571E+02	1.000000E+00	9.911382E+06
112	112	1.006771E+07	3.172965E+03	5.049930E+02	1.000000E+00	1.006771E+07
113	113	1.007763E+07	3.174529E+03	5.052419E+02	1.000000E+00	1.007763E+07
114	114	1.016205E+07	3.187797E+03	5.073536E+02	1.000000E+00	1.016205E+07
115	115	1.026476E+07	3.203867E+03	5.099113E+02	1.000000E+00	1.026476E+07
116	116	1.028133E+07	3.206451E+03	5.103226E+02	1.000000E+00	1.028133E+07
117	117	1.035186E+07	3.222093E+03	5.128120E+02	1.000000E+00	1.035186E+07
118	118	1.039224E+07	3.223699E+03	5.130676E+02	1.000000E+00	1.039224E+07
119	119	1.066592E+07	3.265871E+03	5.197795E+02	1.000000E+00	1.066592E+07
120	120	1.073109E+07	3.275834E+03	5.213652E+02	1.000000E+00	1.073109E+07
121	121	1.078667E+07	3.284307E+03	5.227137E+02	1.000000E+00	1.078667E+07
122	122	1.087411E+07	3.297592E+03	5.248281E+02	1.000000E+00	1.087411E+07
123	123	1.097530E+07	3.312899E+03	5.272643E+02	1.000000E+00	1.097530E+07
124	124	1.102751E+07	3.320770E+03	5.285168E+02	1.000000E+00	1.102751E+07
125	125	1.121443E+07	3.348795E+03	5.329772E+02	1.000000E+00	1.121443E+07
126	126	1.123301E+07	3.351568E+03	5.334186E+02	1.000000E+00	1.123301E+07
127	127	1.134476E+07	3.368198E+03	5.360654E+02	1.000000E+00	1.134476E+07
128	128	1.136543E+07	3.371265E+03	5.365534E+02	1.000000E+00	1.136543E+07
129	129	1.138209E+07	3.373735E+03	5.369466E+02	1.000000E+00	1.138209E+07
130	130	1.163995E+07	3.411737E+03	5.429948E+02	1.000000E+00	1.163995E+07
131	131	1.168284E+07	3.447150E+03	5.486310E+02	1.000000E+00	1.168284E+07
132	132	1.169395E+07	3.448767E+03	5.488833E+02	1.000000E+00	1.169395E+07
133	133	1.199753E+07	3.463745E+03	5.512721E+02	1.000000E+00	1.199753E+07
134	134	1.224913E+07	3.499876E+03	5.570225E+02	1.000000E+00	1.224913E+07
135	135	1.229380E+07	3.506251E+03	5.580372E+02	1.000000E+00	1.229380E+07
136	136	1.234682E+07	3.513804E+03	5.592393E+02	1.000000E+00	1.234682E+07
137	137	1.245776E+07	3.529556E+03	5.617462E+02	1.000000E+00	1.245776E+07
138	138	1.251615E+07	3.537817E+03	5.630610E+02	1.000000E+00	1.251615E+07
139	139	1.265134E+07	3.556872E+03	5.650937E+02	1.000000E+00	1.265134E+07
140	140	1.271389E+07	3.565655E+03	5.674916E+02	1.000000E+00	1.271389E+07
141	141	1.288686E+07	3.589827E+03	5.713387E+02	1.000000E+00	1.288686E+07
142	142	1.303952E+07	3.611028E+03	5.747129E+02	1.000000E+00	1.303952E+07
143	143	1.318588E+07	3.631237E+03	5.779293E+02	1.000000E+00	1.318588E+07
144	144	1.330457E+07	3.647543E+03	5.805245E+02	1.000000E+00	1.330457E+07
145	145	1.341968E+07	3.663288E+03	5.830304E+02	1.000000E+00	1.341968E+07
146	146	1.346692E+07	3.669731E+03	5.840558E+02	1.000000E+00	1.346692E+07
147	147	1.353315E+07	3.678742E+03	5.854901E+02	1.000000E+00	1.353315E+07
148	148	1.356341E+07	3.682854E+03	5.861443E+02	1.000000E+00	1.356341E+07
149	149	1.357987E+07	3.684952E+03	5.864783E+02	1.000000E+00	1.357987E+07
150	150	1.362689E+07	3.691461E+03	5.875143E+02	1.000000E+00	1.362689E+07

Y AXIS PSD RESPONSE

MODE NO.	EXTRACTION ORDER	EIGENVALUE	RADIANS	CYCLES	GENERALIZED MASS	GENERALIZED STIFFNESS
151	151	1.385490E+07	3.722217E+03	5.924091E+02	1.000000E+00	1.385490E+07
152	152	1.41C426E+07	3.755563E+03	5.977164E+02	1.000000E+00	1.410426E+07
153	153	1.425392E+07	3.775437E+03	6.008795E+02	1.000000E+00	1.425392E+07
154	154	1.429260E+07	3.780555E+03	6.016941E+02	1.000000E+00	1.429260E+07
155	155	1.435222E+07	3.788433E+03	6.029478E+02	1.000000E+00	1.435222E+07
156	156	1.440653E+07	3.795594E+03	6.040875E+02	1.000000E+00	1.440653E+07
157	157	1.459796E+07	3.820728E+03	6.080877E+02	1.000000E+00	1.459796E+07
158	158	1.473989E+07	3.839256E+03	6.110366E+02	1.000000E+00	1.473989E+07
159	159	1.486546E+07	3.855576E+03	6.136339E+02	1.000000E+00	1.486546E+07
160	160	1.504011E+07	3.878157E+03	6.172279E+02	1.000000E+00	1.504011E+07
161	161	1.519947E+07	3.898650E+03	6.204893E+02	1.000000E+00	1.519947E+07
162	162	1.521397E+07	3.900508E+03	6.207852E+02	1.000000E+00	1.521397E+07
163	163	1.533297E+07	3.915734E+03	6.232084E+02	1.000000E+00	1.533297E+07
164	164	1.547218E+07	3.932469E+03	6.260311E+02	1.000000E+00	1.547218E+07
165	165	1.548339E+07	3.934970E+03	6.262698E+02	1.000000E+00	1.548339E+07
166	166	1.566044E+07	3.957327E+03	6.298282E+02	1.000000E+00	1.566044E+07
167	167	1.610203E+07	4.012734E+03	6.386464E+02	1.000000E+00	1.610203E+07
168	168	1.667612E+07	4.083640E+03	6.499315E+02	1.000000E+00	1.667612E+07
169	169	1.669880E+07	4.086417E+03	6.503735E+02	1.000000E+00	1.669880E+07
170	170	1.694120E+07	4.115969E+03	6.550768E+02	1.000000E+00	1.694120E+07
171	171	1.701590E+07	4.125033E+03	6.565193E+02	1.000000E+00	1.701590E+07
172	172	1.72C345E+07	4.147704E+03	6.601276E+02	1.000000E+00	1.720345E+07
173	173	1.727168E+07	4.155921E+03	6.614354E+02	1.000000E+00	1.727168E+07
174	174	1.741408E+07	4.173019E+03	6.641565E+02	1.000000E+00	1.741408E+07
175	175	1.747306E+07	4.180079E+03	6.652802E+02	1.000000E+00	1.747306E+07
176	176	1.753016E+07	4.186903E+03	6.663663E+02	1.000000E+00	1.753016E+07
177	177	1.783921E+07	4.223648E+03	6.722145E+02	1.000000E+00	1.783921E+07
178	178	1.808280E+07	4.252387E+03	6.767885E+02	1.000000E+00	1.808280E+07
179	179	1.819108E+07	4.265100E+03	6.788118E+02	1.000000E+00	1.819108E+07
180	180	1.838512E+07	4.287787E+03	6.824225E+02	1.000000E+00	1.838512E+07
181	181	1.848898E+07	4.299881E+03	6.843473E+02	1.000000E+00	1.848898E+07
182	182	1.866703E+07	4.320536E+03	6.876346E+02	1.000000E+00	1.866703E+07
183	183	1.869230E+07	4.32459E+03	6.880999E+02	1.000000E+00	1.869230E+07
184	184	1.872830E+07	4.327620E+03	6.887621E+02	1.000000E+00	1.872830E+07
185	185	1.910955E+07	4.371447E+03	6.957374E+02	1.000000E+00	1.910955E+07
186	186	1.930011E+07	4.393189E+03	6.991977E+02	1.000000E+00	1.930011E+07
187	187	1.940933E+07	4.405602E+03	7.011733E+02	1.000000E+00	1.940933E+07
188	188	1.949894E+07	4.415761E+03	7.027901E+02	1.000000E+00	1.949894E+07
189	189	1.983653E+07	4.453821E+03	7.088477E+02	1.000000E+00	1.983653E+07
190	190	1.984876E+07	4.455195E+03	7.090663E+02	1.000000E+00	1.984876E+07
191	191	1.994462E+07	4.465940E+03	7.107764E+02	1.000000E+00	1.994462E+07
192	192	1.997628E+07	4.469483E+03	7.113403E+02	1.000000E+00	1.997628E+07
193	193	1.999120E+07	4.471152E+03	7.116059E+02	1.000000E+00	1.999120E+07
194	194	2.016218E+07	4.490231E+03	7.146425E+02	1.000000E+00	2.016218E+07
195	195	2.058237E+07	4.536779E+03	7.220508E+02	1.000000E+00	2.058237E+07
196	196	2.060351E+07	4.539108E+03	7.224215E+02	1.000000E+00	2.060351E+07
197	197	2.062932E+07	4.541951E+03	7.228740E+02	1.000000E+00	2.062932E+07
198	198	2.069513E+07	4.549190E+03	7.240261E+02	1.000000E+00	2.069513E+07
199	199	2.075256E+07	4.555498E+03	7.250300E+02	1.000000E+00	2.075256E+07
200	200					

Y AXIS PSD RESPONSE

MODE NO.	EXTRACTION ORDER	EIGENVALUE	RADIANS	CYCLES	GENERALIZED MASS	GENERALIZED STIFFNESS
201	201	2.079287E+07	4.559920E+03	7.257333E+02	1.000000E-00	2.079287E+07
202	202	2.083195E+07	4.564204E+03	7.264155E+02	1.000000E-00	2.083195E+07
203	203	2.098487E+07	4.580925E+03	7.290768E+02	1.000000E-00	2.098487E+07
204	204	2.109463E+07	4.592889E+03	7.309810E+02	1.000000E-00	2.109463E+07
205	205	2.141307E+07	4.627425E+03	7.364776E+02	1.000000E-00	2.141307E+07
206	206	2.164289E+07	4.652191E+03	7.404193E+02	1.000000E-00	2.164289E+07
207	207	2.183285E+07	4.672563E+03	7.436616E+02	1.000000E-00	2.183285E+07
208	208	2.210250E+07	4.701330E+03	7.482399E+02	1.000000E-00	2.210250E+07
209	209	2.214390E+07	4.705731E+03	7.489403E+02	1.000000E-00	2.214390E+07
210	210	2.217508E+07	4.709042E+03	7.494673E+02	1.000000E-00	2.217508E+07
211	211	2.222015E+07	4.713826E+03	7.502286E+02	1.000000E-00	2.222015E+07
212	212	2.231028E+07	4.723376E+03	7.517487E+02	1.000000E-00	2.231028E+07
213	213	2.235308E+07	4.727904E+03	7.524693E+02	1.000000E-00	2.235308E+07
214	214	2.262304E+07	4.756368E+03	7.602167E+02	1.000000E-00	2.262304E+07
215	215	2.281574E+07	4.776583E+03	7.623483E+02	1.000000E-00	2.281574E+07
216	216	2.294393E+07	4.789979E+03	7.634643E+02	1.000000E-00	2.294393E+07
217	217	2.301109E+07	4.796988E+03	7.712885E+02	1.000000E-00	2.301109E+07
218	218	2.349516E+07	4.846149E+03	7.760763E+02	1.000000E-00	2.349516E+07
219	219	2.37766E+07	4.876234E+03	7.789535E+02	1.000000E-00	2.37766E+07
220	220	2.395426E+07	4.894309E+03	7.809285E+02	1.000000E-00	2.395426E+07
221	221	2.407589E+07	4.906719E+03	7.823901E+02	1.000000E-00	2.407589E+07
222	222	2.416610E+07	4.915902E+03	7.823523E+02	1.000000E-00	2.416610E+07
223	223	2.417506E+07	4.916814E+03	7.825352E+02	1.000000E-00	2.417506E+07
224	224	2.418159E+07	4.917477E+03	7.826407E+02	1.000000E-00	2.418159E+07
225	225	2.429534E+07	4.929030E+03	7.844794E+02	1.000000E-00	2.429534E+07
226	226	2.439820E+07	4.939454E+03	7.861383E+02	1.000000E-00	2.439820E+07
227	227	2.447257E+07	4.946976E+03	7.873357E+02	1.000000E-00	2.447257E+07
228	228	2.453869E+07	4.953654E+03	7.883985E+02	1.000000E-00	2.453869E+07
229	229	2.480063E+07	4.980023E+03	7.925953E+02	1.000000E-00	2.480063E+07
230	230	2.509131E+07	5.008124E+03	7.970677E+02	1.000000E-00	2.509131E+07
231	231	2.509202E+07	5.009193E+03	7.972379E+02	1.000000E-00	2.509202E+07
232	232	2.566770E+07	5.066330E+03	8.063314E+02	1.000000E-00	2.566770E+07
233	233	2.580928E+07	5.080283E+03	8.085522E+02	1.000000E-00	2.580928E+07
234	234	2.589951E+07	5.089157E+03	8.099644E+02	1.000000E-00	2.589951E+07
235	235	2.596947E+07	5.096024E+03	8.110574E+02	1.000000E-00	2.596947E+07
236	236	2.626122E+07	5.124570E+03	8.156005E+02	1.000000E-00	2.626122E+07
237	237	2.645791E+07	5.143725E+03	8.186432E+02	1.000000E-00	2.645791E+07
238	238	2.651215E+07	5.148996E+03	8.194881E+02	1.000000E-00	2.651215E+07
239	239	2.659361E+07	5.156899E+03	8.207430E+02	1.000000E-00	2.659361E+07
240	240	2.665252E+07	5.162608E+03	8.216545E+02	1.000000E-00	2.665252E+07
241	241	2.672651E+07	5.169769E+03	8.227942E+02	1.000000E-00	2.672651E+07
242	242	2.679897E+07	5.176772E+03	8.239088E+02	1.000000E-00	2.679897E+07
243	243	2.682715E+07	5.179493E+03	8.243419E+02	1.000000E-00	2.682715E+07
244	244	2.696161E+07	5.182837E+03	8.248741E+02	1.000000E-00	2.696161E+07
245	245	2.714035E+07	5.209697E+03	8.291490E+02	1.000000E-00	2.714035E+07
246	246	2.726575E+07	5.221662E+03	8.310533E+02	1.000000E-00	2.726575E+07
247	247	2.737430E+07	5.232045E+03	8.327059E+02	1.000000E-00	2.737430E+07
248	248	2.757014E+07	5.250728E+03	8.356792E+02	1.000000E-00	2.757014E+07
249	249	2.776031E+07	5.268863E+03	8.385656E+02	1.000000E-00	2.776031E+07
250	250	2.813032E+07	5.303849E+03	8.441338E+02	1.000000E-00	2.813032E+07

R E A L E I G E N V A L U E S			CYCLES		GENERALIZED		GENERALIZED	
MODE NO.	EXTRACTION ORDER	EIGENVALUE	RADIANS		MASS		STIFFNESS	
251	251	2.822963E+07	5.313157E+03	9.456151E+02	1.000000E+00		2.822963E+07	
252	252	2.841645E+07	5.330708E+03	9.484085E+02	1.000000E+00		2.841645E+07	
253	253	2.850496E+07	5.339003E+03	9.497288E+02	1.000000E+00		2.850496E+07	
254	254	2.899820E+07	5.384998E+03	9.570490E+02	1.000000E+00		2.899820E+07	
255	255	2.903900E+07	5.393876E+03	9.584621E+02	1.000000E+00		2.903900E+07	
256	256	2.911847E+07	5.396153E+03	9.588245E+02	1.000000E+00		2.911847E+07	
257	257	2.925638E+07	5.408917E+03	9.608558E+02	1.000000E+00		2.925638E+07	
258	258	2.939075E+07	5.421324E+03	9.628305E+02	1.000000E+00		2.939075E+07	
259	259	2.953604E+07	5.434707E+03	9.649604E+02	1.000000E+00		2.953604E+07	
260	260	2.978568E+07	5.457625E+03	9.686081E+02	1.000000E+00		2.978568E+07	
261	261	2.990206E+07	5.468277E+03	9.703033E+02	1.000000E+00		2.990206E+07	
262	262	2.991643E+07	5.469592E+03	9.705125E+02	1.000000E+00		2.991643E+07	
263	263	2.998416E+07	5.475780E+03	9.714974E+02	1.000000E+00		2.998416E+07	
264	264	3.016564E+07	5.492325E+03	9.741307E+02	1.000000E+00		3.016564E+07	
265	265	3.021303E+07	5.496638E+03	9.748171E+02	1.000000E+00		3.021303E+07	
266	266	3.046661E+07	5.519657E+03	9.784807E+02	1.000000E+00		3.046661E+07	
267	267	3.069204E+07	5.539137E+03	9.815810E+02	1.000000E+00		3.069204E+07	
268	268	3.085035E+07	5.554309E+03	9.839957E+02	1.000000E+00		3.085035E+07	
269	269	3.092100E+07	5.560666E+03	9.850074E+02	1.000000E+00		3.092100E+07	
270	270	3.126286E+07	5.591320E+03	9.898863E+02	1.000000E+00		3.126286E+07	
271	271	3.146221E+07	5.609118E+03	9.927189E+02	1.000000E+00		3.146221E+07	
272	272	3.159491E+07	5.620936E+03	9.945997E+02	1.000000E+00		3.159491E+07	
273	273	3.155444E+07	5.652826E+03	9.996751E+02	1.000000E+00		3.155444E+07	
274	274	3.225578E+07	5.679417E+03	9.039073E+02	1.000000E+00		3.225578E+07	
275	275	3.244942E+07	5.696439E+03	9.066165E+02	1.000000E+00		3.244942E+07	
276	276	3.253431E+07	5.703938E+03	9.078100E+02	1.000000E+00		3.253431E+07	
277	277	3.276331E+07	5.723924E+03	9.109908E+02	1.000000E+00		3.276331E+07	
278	278	3.321572E+07	5.763308E+03	9.172590E+02	1.000000E+00		3.321572E+07	
279	279	3.359543E+07	5.796157E+03	9.224870E+02	1.000000E+00		3.359543E+07	
280	280	3.382377E+07	5.815821E+03	9.256165E+02	1.000000E+00		3.382377E+07	
281	281	3.393345E+07	5.825243E+03	9.271161E+02	1.000000E+00		3.393345E+07	
282	282	3.408042E+07	5.837843E+03	9.291216E+02	1.000000E+00		3.408042E+07	
283	283	3.426441E+07	5.853581E+03	9.316263E+02	1.000000E+00		3.426441E+07	
284	284	3.465900E+07	5.887189E+03	9.369753E+02	1.000000E+00		3.465900E+07	
285	285	3.483088E+07	5.901769E+03	9.392957E+02	1.000000E+00		3.483088E+07	
286	286	3.498618E+07	5.914912E+03	9.413874E+02	1.000000E+00		3.498618E+07	
287	287	3.550488E+07	5.958597E+03	9.483401E+02	1.000000E+00		3.550488E+07	
288	288	3.602326E+07	6.001938E+03	9.552382E+02	1.000000E+00		3.602326E+07	
289	289	3.619743E+07	6.016430E+03	9.575445E+02	1.000000E+00		3.619743E+07	
290	290	3.643756E+07	6.036353E+03	9.607154E+02	1.000000E+00		3.643756E+07	
291	291	3.669425E+07	6.057578E+03	9.640934E+02	1.000000E+00		3.669425E+07	
292	292	3.700934E+07	6.083530E+03	9.682233E+02	1.000000E+00		3.700934E+07	
293	293	3.738583E+07	6.114396E+03	9.731362E+02	1.000000E+00		3.738583E+07	
294	294	3.744659E+07	6.119362E+03	9.739265E+02	1.000000E+00		3.744659E+07	
295	295	3.807389E+07	6.170405E+03	9.820504E+02	1.000000E+00		3.807389E+07	
296	296	3.825573E+07	6.185122E+03	9.843927E+02	1.000000E+00		3.825573E+07	
297	297	3.906512E+07	6.250210E+03	9.947513E+02	1.000000E+00		3.906512E+07	
298	298	3.911927E+07	6.254540E+03	9.954409E+02	1.000000E+00		3.911927E+07	
299	299	3.925118E+07	6.265076E+03	9.971175E+02	1.000000E+00		3.925118E+07	
300	300	3.934988E+07	6.272948E+03	9.983707E+02	1.000000E+00		3.934988E+07	

Y AXIS PSD RESPONSE

MODE NC.	EXTRACTION ORDER	EIGENVALUE	RADIANS	CYCLES	GENERALIZED MASS	GENERALIZED STIFFNESS
301	301	3.9833559E+07	6.311544E+03	1.004513E-03	1.000000E+00	3.983355E+07
302	302	4.001060E+07	6.325393E+03	1.006718E+03	1.000000E+00	4.001060E+07
303	303	4.035126E+07	6.352266E+03	1.010994E+03	1.000000E+00	4.035126E+07
304	304	4.062369E+07	6.373672E+03	1.014401E+03	1.000000E+00	4.062369E+07
305	305	4.078182E+07	6.386064E+03	1.016374E+03	1.000000E+00	4.078182E+07
306	306	4.117488E+07	6.416766E+03	1.021260E+03	1.000000E+00	4.117488E+07
307	307	4.129058E+07	6.425775E+03	1.022694E+03	1.000000E+00	4.129058E+07
308	308	4.145732E+07	6.438736E+03	1.024757E+03	1.000000E+00	4.145732E+07
309	309	4.178024E+07	6.463762E+03	1.028740E+03	1.000000E+00	4.178024E+07
310	310	4.180040E+07	6.465323E+03	1.032898E+03	1.000000E+00	4.180040E+07
311	311	4.198616E+07	6.479673E+03	1.031272E+03	1.000000E+00	4.198616E+07
312	312	4.206773E+07	6.485964E+03	1.032273E+03	1.000000E+00	4.206773E+07
313	313	4.210717E+07	6.489003E+03	1.032757E+03	1.000000E+00	4.210717E+07
314	314	4.218769E+07	6.495205E+03	1.033744E+03	1.000000E+00	4.218769E+07
315	315	4.246518E+07	6.516531E+03	1.037138E+03	1.000000E+00	4.246518E+07
316	316	4.279840E+07	6.541284E+03	1.041078E+03	1.000000E+00	4.279840E+07
317	317	4.307414E+07	6.563089E+03	1.044548E+03	1.000000E+00	4.307414E+07
318	318	4.329250E+07	6.579703E+03	1.047192E+03	1.000000E+00	4.329250E+07
319	319	4.333865E+07	6.580931E+03	1.047388E+03	1.000000E+00	4.333865E+07
320	320	4.350073E+07	6.595508E+03	1.049708E+03	1.000000E+00	4.350073E+07
321	321	4.353369E+07	6.598007E+03	1.050105E+03	1.000000E+00	4.353369E+07
322	322	4.357729E+07	6.601310E+03	1.050631E+03	1.000000E+00	4.357729E+07
323	323	4.377292E+07	6.621439E+03	1.053835E+03	1.000000E+00	4.377292E+07
324	324	4.384346E+07	6.621439E+03	1.061694E+03	1.000000E+00	4.384346E+07
325	325	4.443983E+07	6.670819E+03	1.065834E+03	1.000000E+00	4.443983E+07
326	326	4.484757E+07	6.696833E+03	1.065834E+03	1.000000E+00	4.484757E+07
327	327	4.497341E+07	6.706222E+03	1.067328E+03	1.000000E+00	4.497341E+07
328	328	4.530721E+07	6.731063E+03	1.071282E+03	1.000000E+00	4.530721E+07
329	329	4.551223E+07	6.746275E+03	1.073703E+03	1.000000E+00	4.551223E+07
330	330	4.556257E+07	6.750027E+03	1.074300E+03	1.000000E+00	4.556257E+07
331	331	4.564420E+07	6.756049E+03	1.075259E+03	1.000000E+00	4.564420E+07
332	332	4.571741E+07	6.761465E+03	1.076121E+03	1.000000E+00	4.571741E+07
333	333	4.573396E+07	6.762689E+03	1.076315E+03	1.000000E+00	4.573396E+07
334	334	4.594407E+07	6.778206E+03	1.078735E+03	1.000000E+00	4.594407E+07
335	335	4.603744E+07	6.785089E+03	1.079880E+03	1.000000E+00	4.603744E+07
336	336	4.608146E+07	6.788333E+03	1.080397E+03	1.000000E+00	4.608146E+07
337	337	4.637742E+07	6.810097E+03	1.083860E+03	1.000000E+00	4.637742E+07
338	338	4.652360E+07	6.821188E+03	1.085626E+03	1.000000E+00	4.652360E+07
339	339	4.655863E+07	6.823389E+03	1.085976E+03	1.000000E+00	4.655863E+07
340	340	4.669751E+07	6.833558E+03	1.087594E+03	1.000000E+00	4.669751E+07
341	341	4.714493E+07	6.866217E+03	1.092792E+03	1.000000E+00	4.714493E+07
342	342	4.745606E+07	6.891013E+03	1.096739E+03	1.000000E+00	4.745606E+07
343	343	4.778198E+07	6.912451E+03	1.100151E+03	1.000000E+00	4.778198E+07
344	344	4.784726E+07	6.917711E+03	1.100902E+03	1.000000E+00	4.784726E+07
345	345	4.825908E+07	6.946876E+03	1.105630E+03	1.000000E+00	4.825908E+07
346	346	4.834246E+07	6.952875E+03	1.106584E+03	1.000000E+00	4.834246E+07
347	347	4.865670E+07	6.975436E+03	1.110175E+03	1.000000E+00	4.865670E+07
348	348	4.870641E+07	6.978998E+03	1.110742E+03	1.000000E+00	4.870641E+07
349	349	4.911981E+07	7.008553E+03	1.115446E+03	1.000000E+00	4.911981E+07
350	350	4.919449E+07	7.013878E+03	1.116293E+03	1.000000E+00	4.919449E+07
		4.948508E+07	7.034563E+03	1.119585E+03	1.000000E+00	4.948508E+07

Y AXIS PSD RESPONSE

MODE NO.	EXTRACTION ORDER	EIGENVALUE	R E A L E - G E N V A L U E S		GENERALIZED MASS	GENERALIZED STIFFNESS
			RADIANS	CYCLES		
351	351	4.972546E+07	7.051628E+03	1.122302E+03	1.000000E+00	4.972546E+07
352	352	4.981603E+07	7.058047E+03	1.123323E+03	1.000000E+00	4.981603E+07
353	353	4.994620E+07	7.067262E+03	1.124790E+03	1.000000E+00	4.994620E+07
354	354	5.013791E+07	7.080813E+03	1.126948E+03	1.000000E+00	5.013791E+07
355	355	5.043023E+07	7.101425E+03	1.130227E+03	1.000000E+00	5.043023E+07
356	356	5.061442E+07	7.114381E+03	1.132283E+03	1.000000E+00	5.061442E+07
357	357	5.076648E+07	7.125060E+03	1.133983E+03	1.000000E+00	5.076648E+07
358	358	5.091150E+07	7.135229E+03	1.135607E+03	1.000000E+00	5.091150E+07
359	359	5.112944E+07	7.150485E+03	1.138035E+03	1.000000E+00	5.112944E+07
360	360	5.119043E+07	7.154749E+03	1.138714E+03	1.000000E+00	5.119043E+07
361	361	5.131693E+07	7.163538E+03	1.140125E+03	1.000000E+00	5.131693E+07
362	362	5.137700E+07	7.167775E+03	1.140787E+03	1.000000E+00	5.137700E+07
363	363	5.154935E+07	7.179788E+03	1.142693E+03	1.000000E+00	5.154935E+07
364	364	5.186083E+07	7.201446E+03	1.146143E+03	1.000000E+00	5.186083E+07
365	365	5.201583E+07	7.212200E+03	1.147857E+03	1.000000E+00	5.201583E+07
366	366	5.231053E+07	7.232602E+03	1.151104E+03	1.000000E+00	5.231053E+07
367	367	5.265922E+07	7.256709E+03	1.154941E+03	1.000000E+00	5.265922E+07
368	368	5.274212E+07	7.262377E+03	1.155843E+03	1.000000E+00	5.274212E+07
369	369	5.280552E+07	7.266740E+03	1.156533E+03	1.000000E+00	5.280552E+07
370	370	5.337635E+07	7.305912E+03	1.162771E+03	1.000000E+00	5.337635E+07
371	371	5.347888E+07	7.312926E+03	1.163883E+03	1.000000E+00	5.347888E+07
372	372	5.375562E+07	7.331822E+03	1.166893E+03	1.000000E+00	5.375562E+07
373	373	5.387106E+07	7.339691E+03	1.168143E+03	1.000000E+00	5.387106E+07
374	374	5.415286E+07	7.358863E+03	1.171193E+03	1.000000E+00	5.415286E+07
375	375	5.419828E+07	7.361948E+03	1.171693E+03	1.000000E+00	5.419828E+07
376	376	5.448491E+07	7.381390E+03	1.174783E+03	1.000000E+00	5.448491E+07
377	377	5.462698E+07	7.391007E+03	1.176315E+03	1.000000E+00	5.462698E+07
378	378	5.473336E+07	7.398200E+03	1.177460E+03	1.000000E+00	5.473336E+07
379	379	5.491986E+07	7.410793E+03	1.179463E+03	1.000000E+00	5.491986E+07
380	380	5.494134E+07	7.412242E+03	1.179693E+03	1.000000E+00	5.494134E+07
381	381	5.530142E+07	7.436492E+03	1.183553E+03	1.000000E+00	5.530142E+07
382	382	5.583340E+07	7.472175E+03	1.189234E+03	1.000000E+00	5.583340E+07
383	383	5.591117E+07	7.477377E+03	1.190062E+03	1.000000E+00	5.591117E+07
384	384	5.639182E+07	7.509449E+03	1.195163E+03	1.000000E+00	5.639182E+07
385	385	5.646747E+07	7.514484E+03	1.195967E+03	1.000000E+00	5.646747E+07
386	386	5.697815E+07	7.548387E+03	1.201363E+03	1.000000E+00	5.697815E+07
387	387	5.717003E+07	7.561087E+03	1.203383E+03	1.000000E+00	5.717003E+07
388	388	5.753651E+07	7.585282E+03	1.207233E+03	1.000000E+00	5.753651E+07
389	389	5.755263E+07	7.587836E+03	1.207642E+03	1.000000E+00	5.755263E+07
390	390	5.795253E+07	7.612656E+03	1.211592E+03	1.000000E+00	5.795253E+07
391	391	5.807994E+07	7.621020E+03	1.212923E+03	1.000000E+00	5.807994E+07
392	392	5.809302E+07	7.621877E+03	1.213053E+03	1.000000E+00	5.809302E+07
393	393	5.813630E+07	7.624716E+03	1.213511E+03	1.000000E+00	5.813630E+07
394	394	5.823827E+07	7.631400E+03	1.214573E+03	1.000000E+00	5.823827E+07
395	395	5.826526E+07	7.633168E+03	1.214855E+03	1.000000E+00	5.826526E+07
396	396	5.830134E+07	7.635531E+03	1.215233E+03	1.000000E+00	5.830134E+07
397	397	5.881460E+07	7.669068E+03	1.220570E+03	1.000000E+00	5.881460E+07
398	398	5.910384E+07	7.687902E+03	1.223563E+03	1.000000E+00	5.910384E+07
399	399	5.937836E+07	7.705736E+03	1.226405E+03	1.000000E+00	5.937836E+07
400	400	5.987970E+07	7.738197E+03	1.231572E+03	1.000000E+00	5.987970E+07

Y AXIS PSD RESPONSE

MODE NO.	EXTRACTION ORDER	EIGENVALUE	REAL EIGENVALUES		CYCLES	GENERALIZED MASS		GENERALIZED STIFFNESS
			RADIANS			MASS		
401	431	5.004829E+07	7.749083E+03		1.233305E-03	1.000000E+00		6.004829E+07
402	432	6.004939E+07	7.749154E+03		1.233316E+03	1.000000E+00		6.004939E+07
403	433	6.006476E+07	7.750146E+03		1.233474E+03	1.000000E+00		6.006476E+07
404	434	6.023355E+07	7.761030E+03		1.235206E-03	1.000000E+00		6.023355E+07
405	435	6.034155E+07	7.767982E+03		1.236313E-03	1.000000E+00		6.034155E+07
406	436	6.039848E+07	7.771646E+03		1.236896E-03	1.000000E+00		6.039848E+07
407	437	6.046315E+07	7.775805E+03		1.237558E-03	1.000000E+00		6.046315E+07
408	438	6.049326E+07	7.777548E+03		1.237835E+03	1.000000E+00		6.049326E+07
409	439	6.063892E+07	7.790951E+03		1.239968E+03	1.000000E+00		6.063892E+07
410	440	6.097488E+07	7.808642E+03		1.242784E+03	1.000000E+00		6.097488E+07
411	441	6.125383E+07	7.823387E+03		1.245131E+03	1.000000E+00		6.125383E+07
412	442	6.145410E+07	7.841817E+03		1.248064E+03	1.000000E+00		6.145410E+07
413	443	6.155531E+07	7.845942E+03		1.248720E+03	1.000000E+00		6.155531E+07
414	444	6.192623E+07	7.869322E+03		1.252441E+03	1.000000E+00		6.192623E+07
415	445	6.207350E+07	7.878674E+03		1.253930E+03	1.000000E+00		6.207350E+07
416	446	6.236244E+07	7.896909E+03		1.256845E+03	1.000000E+00		6.236244E+07
417	447	6.259667E+07	7.921102E+03		1.259203E+03	1.000000E+00		6.259667E+07
418	448	6.274264E+07	7.946198E+03		1.264677E+03	1.000000E+00		6.274264E+07
419	449	6.314207E+07	7.961261E+03		1.265483E+03	1.000000E+00		6.314207E+07
420	450	6.322255E+07	7.951261E+03		1.268033E+03	1.000000E+00		6.322255E+07
421	451	6.347767E+07	7.967288E+03		1.274356E+03	1.000000E+00		6.347767E+07
422	452	6.411226E+07	8.007013E+03		1.274901E+03	1.000000E+00		6.411226E+07
423	453	6.416716E+07	8.010441E+03		1.280152E+03	1.000000E+00		6.416716E+07
424	454	6.469677E+07	8.042126E+03		1.286310E+03	1.000000E+00		6.469677E+07
425	455	6.532077E+07	8.105395E+03		1.290007E+03	1.000000E+00		6.532077E+07
426	456	6.569677E+07	8.128037E+03		1.293617E+03	1.000000E+00		6.569677E+07
427	457	6.606499E+07	8.130955E+03		1.294082E+03	1.000000E+00		6.606499E+07
428	458	6.611243E+07	8.146061E+03		1.296486E+03	1.000000E+00		6.611243E+07
429	459	6.635531E+07	8.167042E+03		1.299825E+03	1.000000E+00		6.635531E+07
430	460	6.670058E+07	8.196349E+03		1.304489E+03	1.000000E+00		6.670058E+07
431	461	6.718014E+07	8.203855E+03		1.305684E+03	1.000000E+00		6.718014E+07
432	462	6.730324E+07	8.236836E+03		1.310933E+03	1.000000E+00		6.730324E+07
433	463	6.784547E+07	8.243218E+03		1.311943E+03	1.000000E+00		6.784547E+07
434	464	6.795063E+07	8.257346E+03		1.314197E+03	1.000000E+00		6.795063E+07
435	465	6.819376E+07	8.271386E+03		1.316433E+03	1.000000E+00		6.819376E+07
436	466	6.841582E+07	8.278614E+03		1.317582E+03	1.000000E+00		6.841582E+07
437	467	6.853545E+07	8.287654E+03		1.319021E+03	1.000000E+00		6.853545E+07
438	468	6.868521E+07	8.300847E+03		1.321121E+03	1.000000E+00		6.868521E+07
439	469	6.890405E+07	8.317961E+03		1.323845E+03	1.000000E+00		6.890405E+07
440	470	6.930319E+07	8.325034E+03		1.324970E+03	1.000000E+00		6.930319E+07
441	471	6.933976E+07	8.327050E+03		1.325291E+03	1.000000E+00		6.933976E+07
442	472	6.941279E+07	8.331434E+03		1.325989E+03	1.000000E+00		6.941279E+07
443	473	6.952247E+07	8.362563E+03		1.330943E+03	1.000000E+00		6.952247E+07
444	474	6.959066E+07	8.390415E+03		1.335376E+03	1.000000E+00		6.959066E+07
445	475	7.035906E+07	8.435151E+03		1.342495E+03	1.000000E+00		7.035906E+07
446	476	7.115176E+07	8.438172E+03		1.342977E+03	1.000000E+00		7.115176E+07
447	477	7.122753E+07	8.445272E+03		1.344167E+03	1.000000E+00		7.122753E+07
448	478	7.132262E+07	8.451678E+03		1.345125E+03	1.000000E+00		7.132262E+07
449	479	7.145035E+07	8.464284E+03		1.347133E+03	1.000000E+00		7.145035E+07
450	480	7.164411E+07						7.164411E+07

Y AXIS PSD RESPONSE

R E A L E - G E N V A L U E S			CYCLES		GENERALIZED MASS		GENERALIZED STIFFNESS	
MODE NO.	EXTRACTION ORDER	EIGENVALUE	RADIANS		MASS			
451	451	7.174977E+07	3.470465E+03	1.348116E+03	1.000000E+00	7.174877E-07		
452	452	7.180083E+07	3.474012E+03	1.348681E+03	1.000000E+00	7.180087E-07		
453	453	7.195936E+07	3.482916E+03	1.350098E+03	1.000000E+00	7.195986E-07		
454	454	7.210346E+07	3.491376E+03	1.354444E+03	1.000000E+00	7.210346E-07		
455	455	7.227241E+07	3.501318E+03	1.353027E+03	1.000000E+00	7.227241E-07		
456	456	7.242675E+07	3.510394E+03	1.354471E+03	1.000000E+00	7.242679E-07		
457	457	7.263062E+07	3.523371E+03	1.356377E+03	1.000000E+00	7.263082E-07		
458	458	7.283965E+07	3.534614E+03	1.358326E+03	1.000000E+00	7.283965E-07		
459	459	7.308965E+07	3.549248E+03	1.360655E+03	1.000000E+00	7.308965E-07		
460	460	7.321173E+07	3.556389E+03	1.361792E+03	1.000000E+00	7.321178E-07		
461	461	7.346542E+07	3.571197E+03	1.364148E+03	1.000000E+00	7.346542E-07		
462	462	7.385634E+07	3.593972E+03	1.367773E+03	1.000000E+00	7.385634E-07		
463	463	7.436217E+07	3.623351E+03	1.372449E+03	1.000000E+00	7.436217E-07		
464	464	7.451372E+07	3.632133E+03	1.373847E+03	1.000000E+00	7.451372E-07		
465	465	7.493614E+07	3.656566E+03	1.377735E+03	1.000000E+00	7.493614E-07		
466	466	7.515484E+07	3.669189E+03	1.379744E+03	1.000000E+00	7.515484E-07		
467	467	7.597730E+07	3.716508E+03	1.387275E+03	1.000000E+00	7.597750E-07		
468	468	7.600782E+07	3.718247E+03	1.387552E+03	1.000000E+00	7.600782E-07		
469	469	7.603147E+07	3.719603E+03	1.387768E+03	1.000000E+00	7.603147E-07		
470	470	7.629493E+07	3.734691E+03	1.390169E+03	1.000000E+00	7.629493E-07		
471	471	7.643033E+07	3.742473E+03	1.394408E+03	1.000000E+00	7.643033E-07		
472	472	7.654942E+07	3.749252E+03	1.394878E+03	1.000000E+00	7.654942E-07		
473	473	7.680953E+07	3.764220E+03	1.394853E+03	1.000000E+00	7.680980E-07		
474	474	7.710135E+07	3.784654E+03	1.398121E+03	1.000000E+00	7.710153E-07		
475	475	7.737095E+07	3.796076E+03	1.399399E+03	1.000000E+00	7.737096E-07		
476	476	7.815864E+07	3.840737E+03	1.407047E+03	1.000000E+00	7.815864E-07		
477	477	7.827766E+07	3.847476E+03	1.408118E+03	1.000000E+00	7.827766E-07		
478	478	7.864848E+07	3.868397E+03	1.41449E+03	1.000000E+00	7.864848E-07		
479	479	7.875206E+07	3.874235E+03	1.412378E+03	1.000000E+00	7.875206E-07		
480	480	7.887912E+07	3.881392E+03	1.413517E+03	1.000000E+00	7.887912E-07		
481	481	7.899336E+07	3.887821E+03	1.414541E+03	1.000000E+00	7.899336E-07		
482	482	7.934391E+07	3.907801E+03	1.417720E+03	1.000000E+00	7.934891E-07		
483	483	7.947926E+07	3.915114E+03	1.418885E+03	1.000000E+00	7.947926E-07		
484	484	7.958543E+07	3.921066E+03	1.419832E+03	1.000000E+00	7.958543E-07		
485	485	7.965931E+07	3.925234E+03	1.420495E+03	1.000000E+00	7.965981E-07		
486	486	8.001308E+07	3.945003E+03	1.423641E+03	1.000000E+00	8.001308E-07		
487	487	8.019011E+07	3.954894E+03	1.425216E+03	1.000000E+00	8.019011E-07		
488	488	8.020230E+07	3.955607E+03	1.425329E+03	1.000000E+00	8.020290E-07		
489	489	8.067778E+07	3.982081E+03	1.429543E+03	1.000000E+00	8.067778E-07		
490	490	8.071362E+07	3.984076E+03	1.429860E+03	1.000000E+00	8.071362E-07		
491	491	8.158553E+07	3.932169E+03	1.437514E+03	1.000000E+00	8.158008E-07		
492	492	8.177613E+07	3.94329E+03	1.439259E+03	1.000000E+00	8.177818E-07		
493	493	8.229463E+07	3.9071639E+03	1.443796E+03	1.000000E+00	8.229463E-07		
494	494	8.264864E+07	3.909130E+03	1.446898E+03	1.000000E+00	8.264864E-07		
495	495	8.283493E+07	3.9101369E+03	1.448528E+03	1.000000E+00	8.283493E-07		
496	496	8.330528E+07	3.922773E+03	1.452635E+03	1.000000E+00	8.330528E-07		
497	497	8.346709E+07	3.936032E+03	1.454045E+03	1.000000E+00	8.346709E-07		
498	498	8.361065E+07	3.943885E+03	1.455294E+03	1.000000E+00	8.361065E-07		
499	499	8.368854E+07	3.944845E+03	1.455972E+03	1.000000E+00	8.368854E-07		
500	500	8.393325E+07	3.9161782E+03	1.458143E+03	1.000000E+00	8.393825E-07		

Y AXIS PSD RESPONSE

MODE NO.	EXTRACTION ORDER	EIGENVALUE	REAL EIGENVALUES		CYCLES	GENERALIZED MASS	GENERALIZED STIFFNESS
501	501	8.402644E+07	9.166594E+03	1.458909E+03	1.458909E+03	1.000000E+00	8.402644E+07
502	502	8.424516E+07	9.178517E+03	1.460806E+03	1.460806E+03	1.000000E+00	8.424516E+07
503	503	8.479127E+07	9.208218E+03	1.465533E+03	1.465533E+03	1.000000E+00	8.479127E+07
504	504	8.505519E+07	9.222537E+03	1.467812E+03	1.467812E+03	1.000000E+00	8.505519E+07
505	505	8.557162E+07	9.250493E+03	1.472262E+03	1.472262E+03	1.000000E+00	8.557162E+07
506	506	8.564588E+07	9.254506E+03	1.472900E+03	1.472900E+03	1.000000E+00	8.564588E+07
507	507	8.572734E+07	9.258906E+03	1.473601E+03	1.473601E+03	1.000000E+00	8.572734E+07
508	508	8.576890E+07	9.261149E+03	1.473958E+03	1.473958E+03	1.000000E+00	8.576890E+07
509	509	8.588753E+07	9.267553E+03	1.474977E+03	1.474977E+03	1.000000E+00	8.588753E+07
510	510	8.600502E+07	9.273890E+03	1.475935E+03	1.475935E+03	1.000000E+00	8.600502E+07
511	511	8.633167E+07	9.291483E+03	1.478786E+03	1.478786E+03	1.000000E+00	8.633167E+07
512	512	8.637455E+07	9.293791E+03	1.479153E+03	1.479153E+03	1.000000E+00	8.637455E+07
513	513	8.643356E+07	9.296965E+03	1.479658E+03	1.479658E+03	1.000000E+00	8.643356E+07
514	514	8.685156E+07	9.319418E+03	1.483231E+03	1.483231E+03	1.000000E+00	8.685156E+07
515	515	8.699389E+07	9.327052E+03	1.484446E+03	1.484446E+03	1.000000E+00	8.699389E+07
516	516	8.724268E+07	9.340379E+03	1.486567E+03	1.486567E+03	1.000000E+00	8.724268E+07
517	517	8.772513E+07	9.366169E+03	1.490672E+03	1.490672E+03	1.000000E+00	8.772513E+07
518	518	8.797518E+07	9.379509E+03	1.492795E+03	1.492795E+03	1.000000E+00	8.797518E+07
519	519	8.839554E+07	9.401891E+03	1.496357E+03	1.496357E+03	1.000000E+00	8.839554E+07
520	520	8.871747E+07	9.418995E+03	1.499080E+03	1.499080E+03	1.000000E+00	8.871747E+07

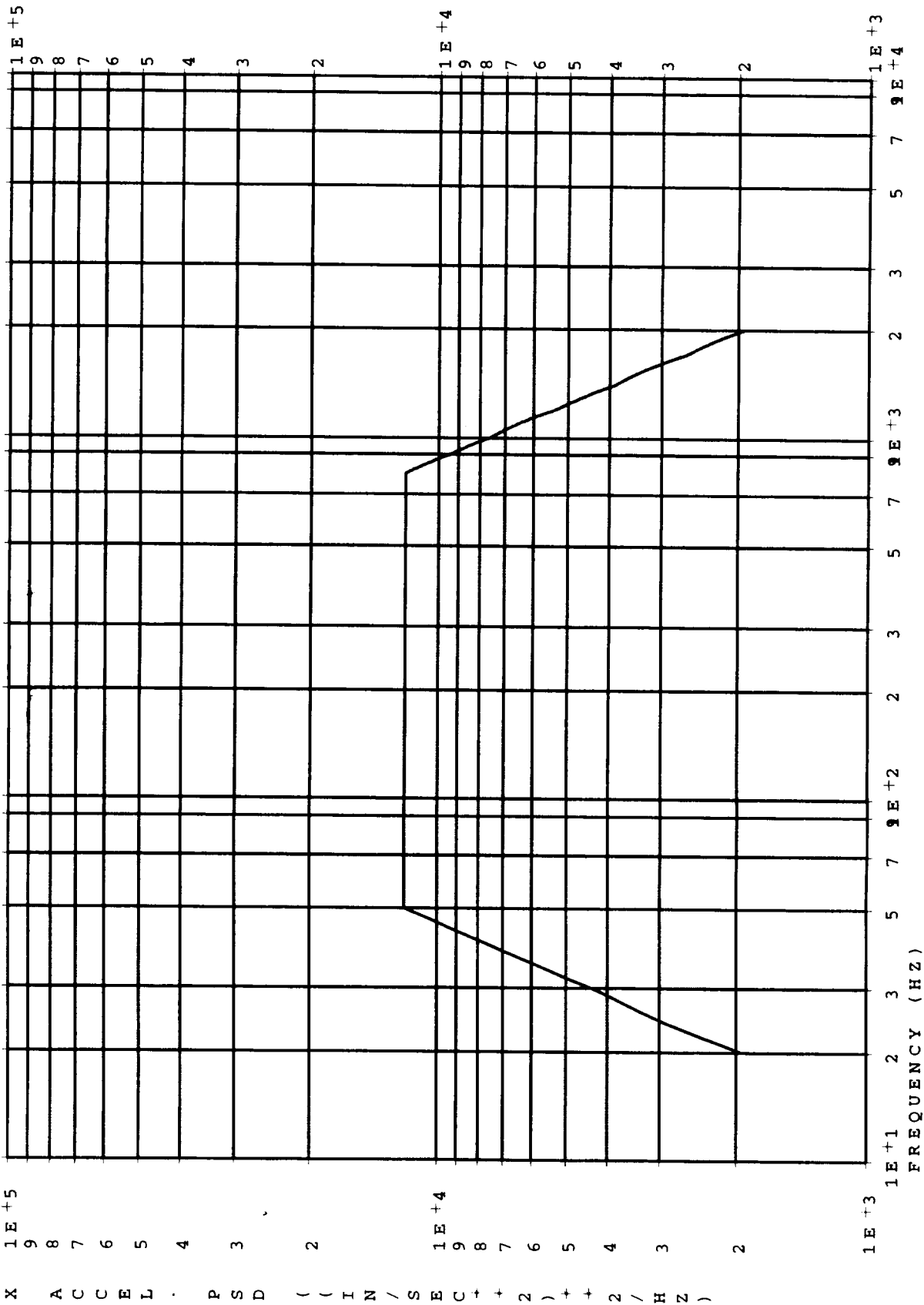
X AXIS OUTPUT

ACCELERATION RESPONSE PLOTS

30

3 / 4 / 96

30

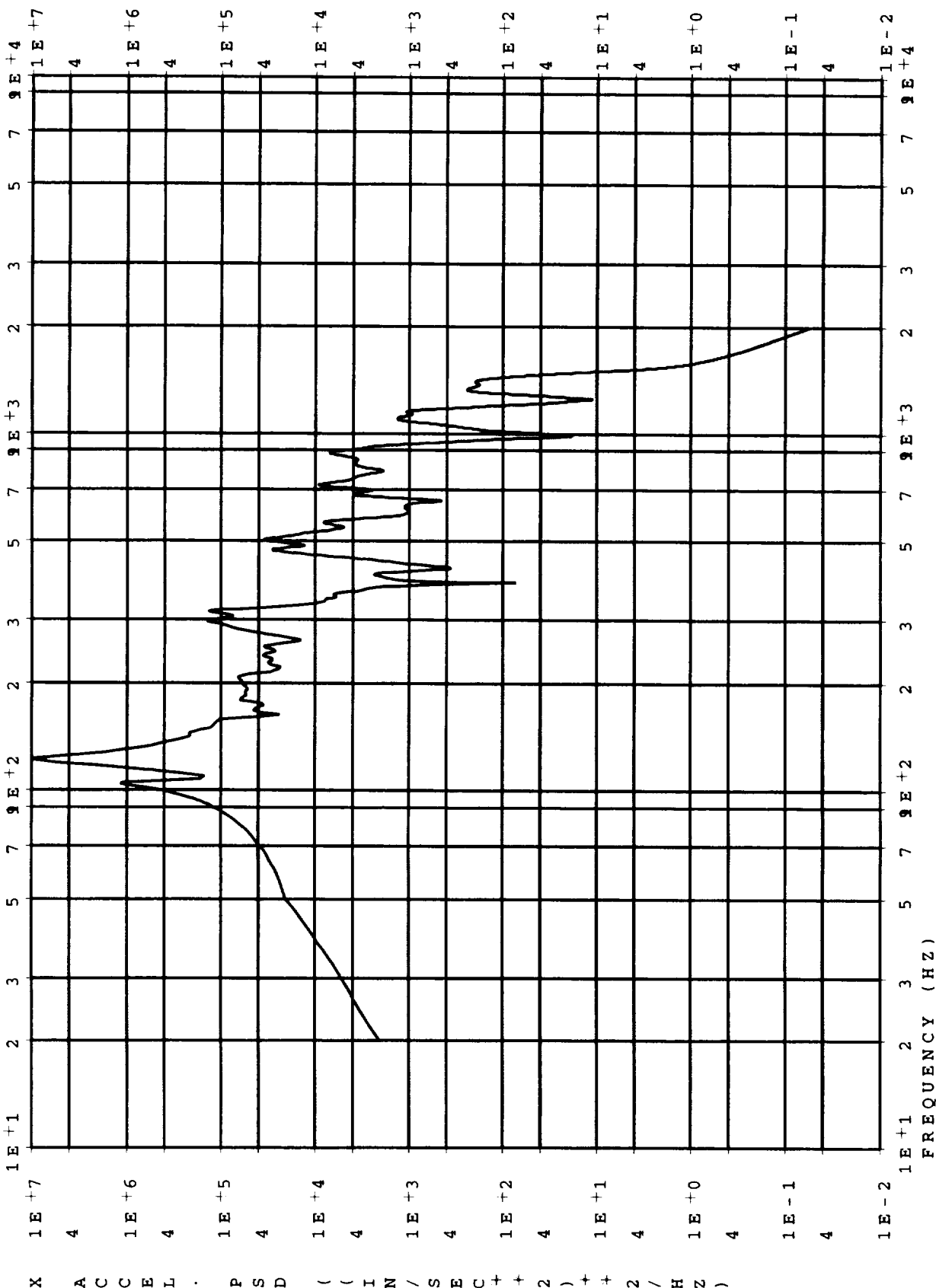


EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)

27

3 / 4 / 96

27

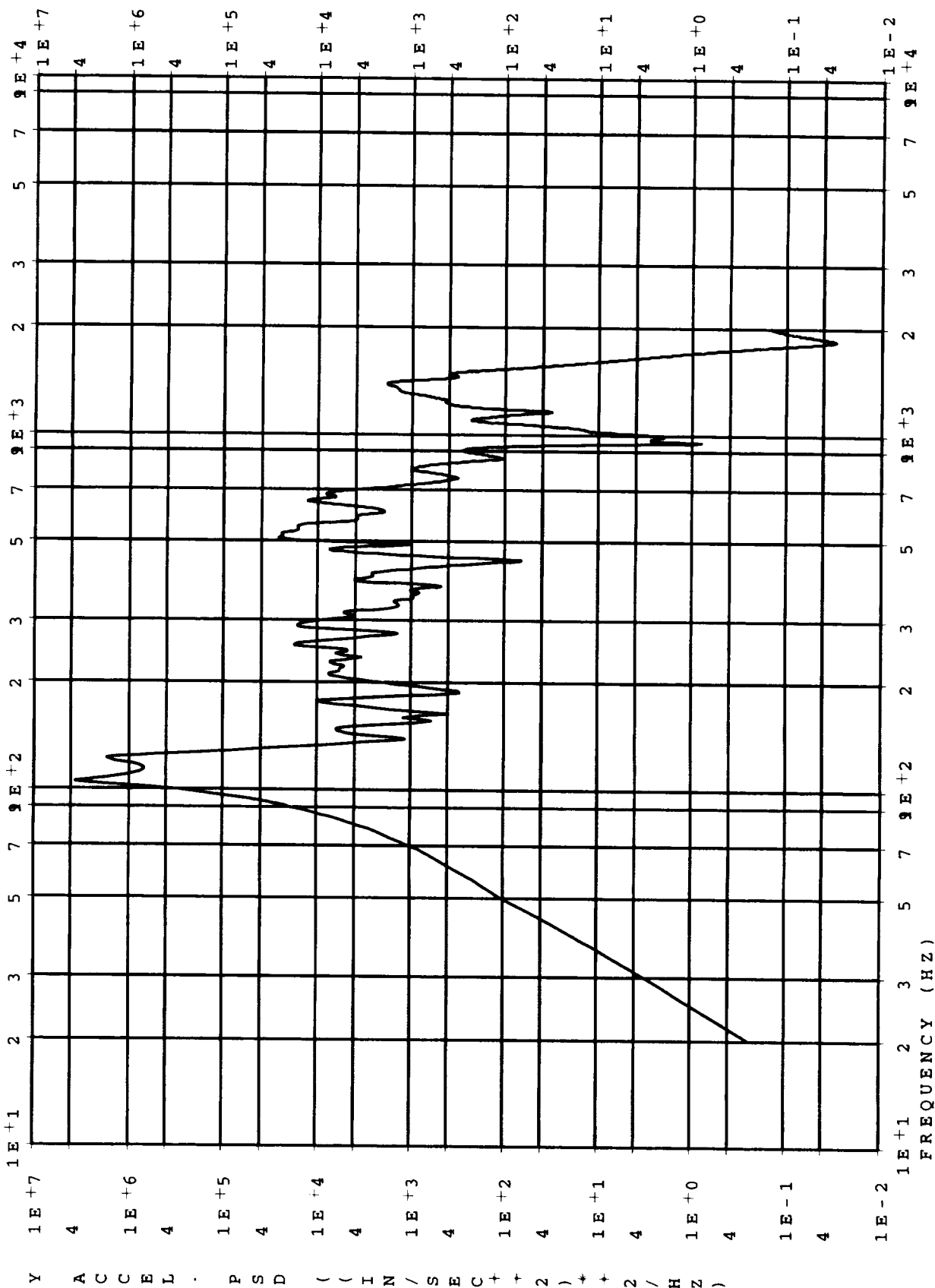


EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)

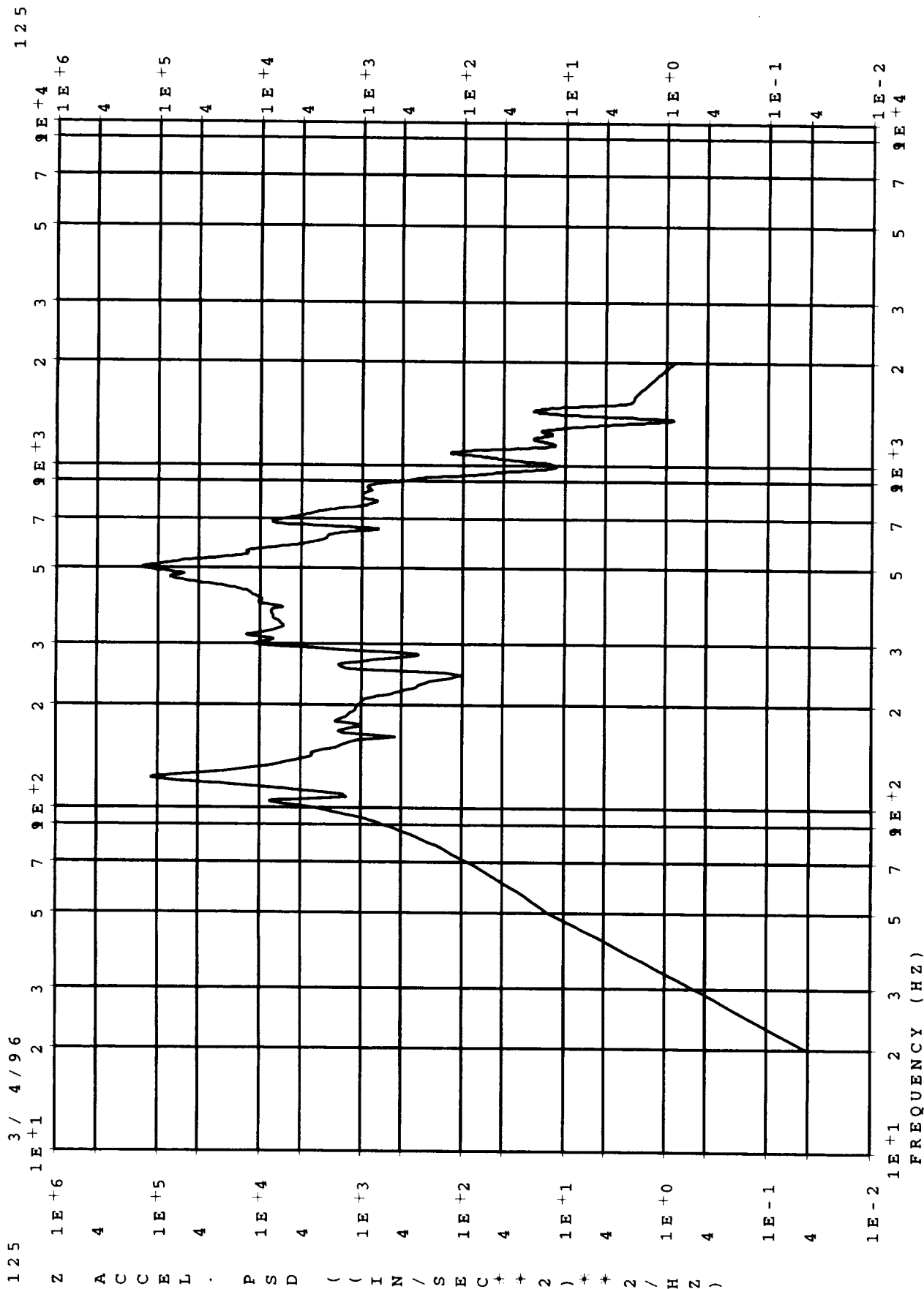
76

3 / 4 / 96

76



EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)

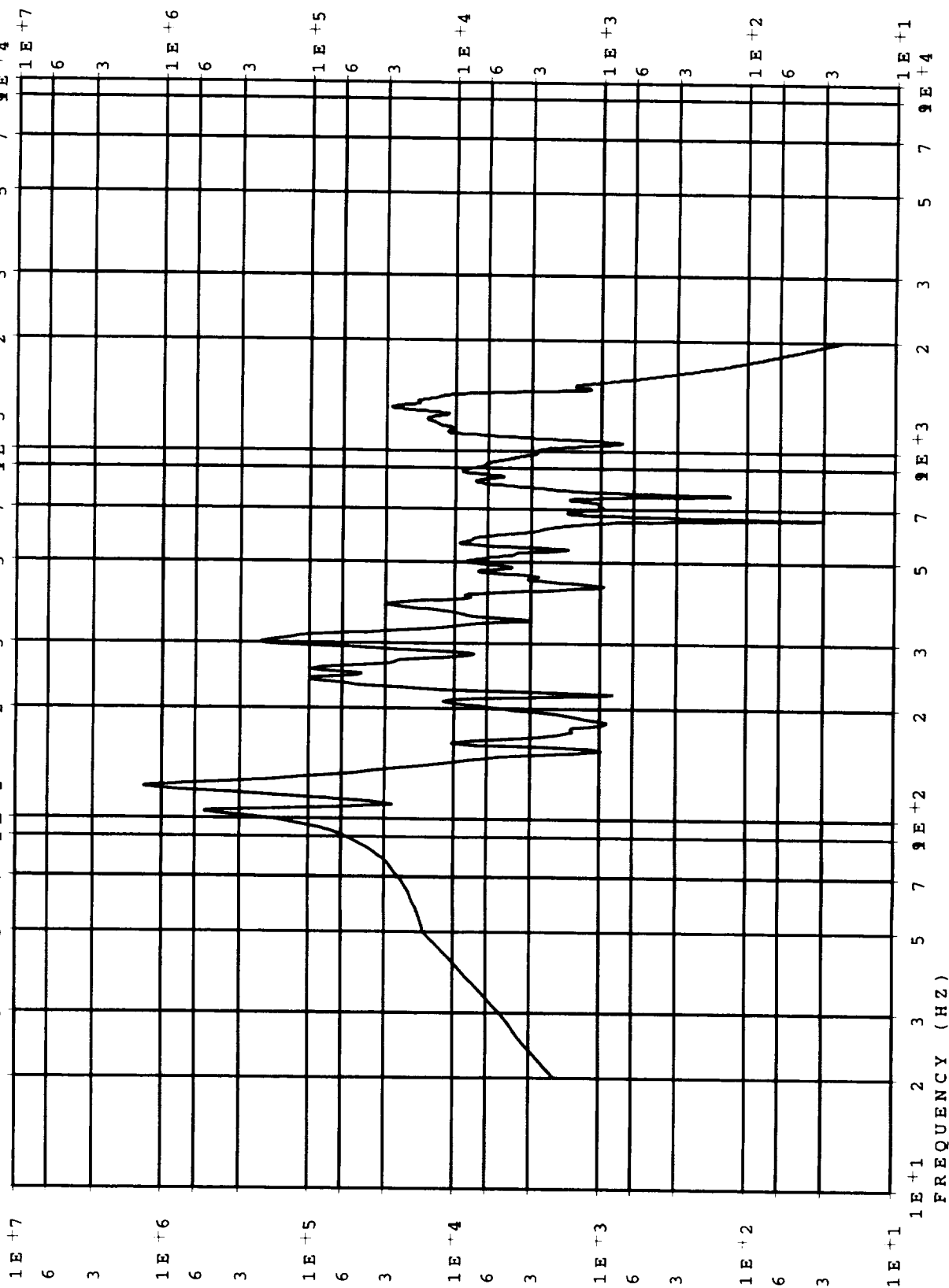


EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)

3 2

3 / 4 / 96

3 2

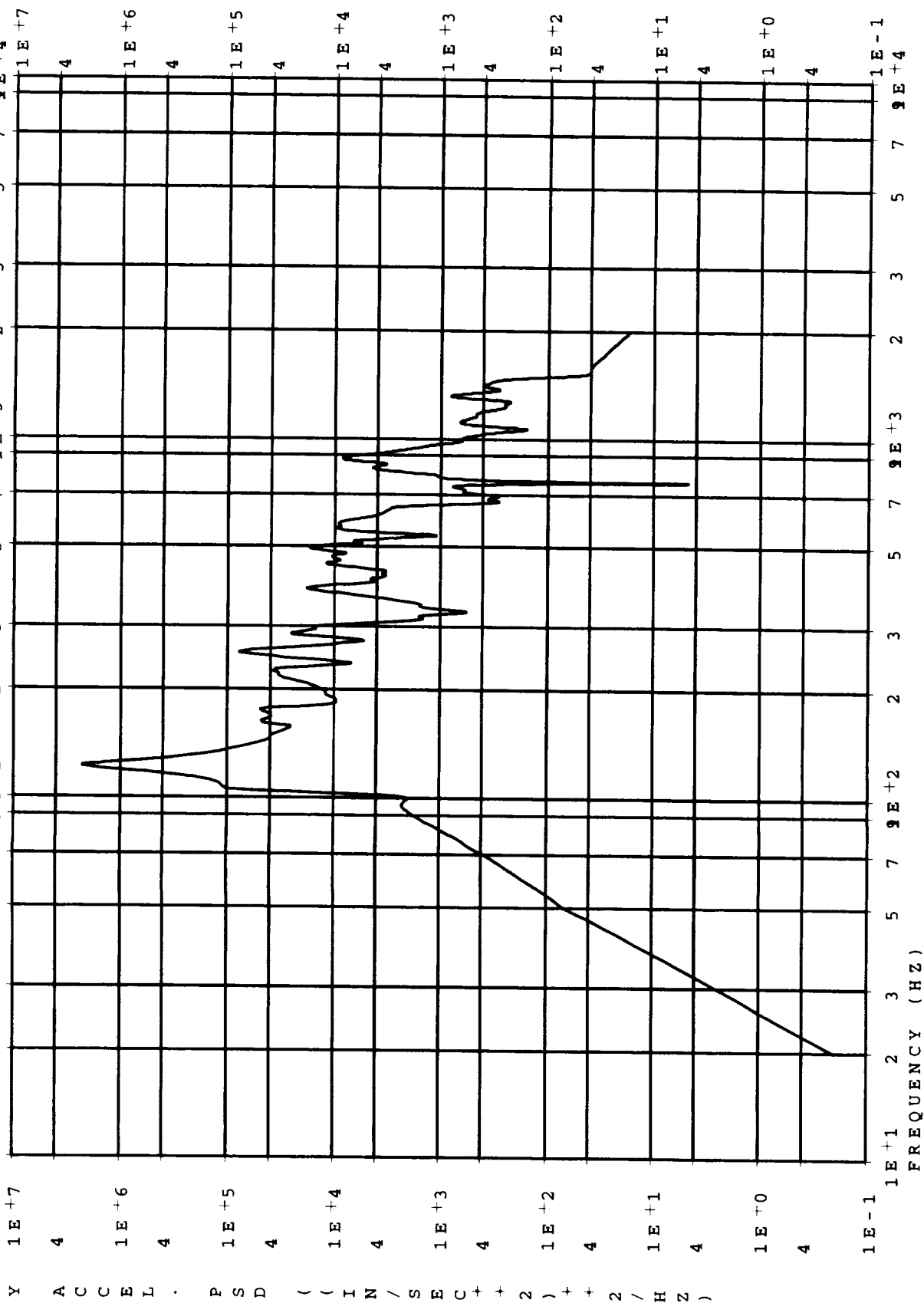


EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)

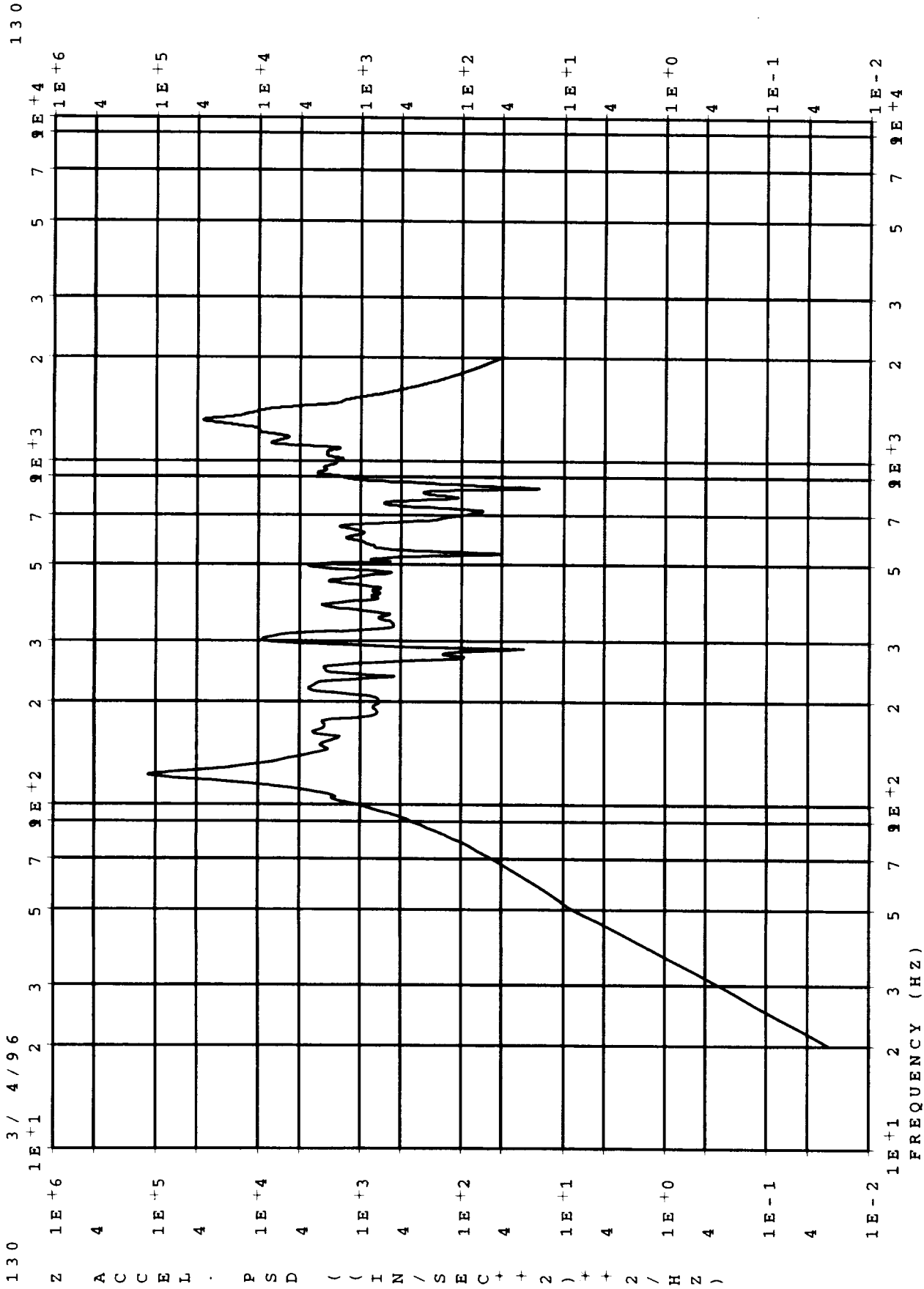
81

3 / 4 / 96

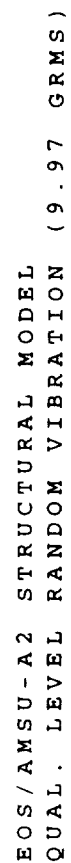
81



EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)



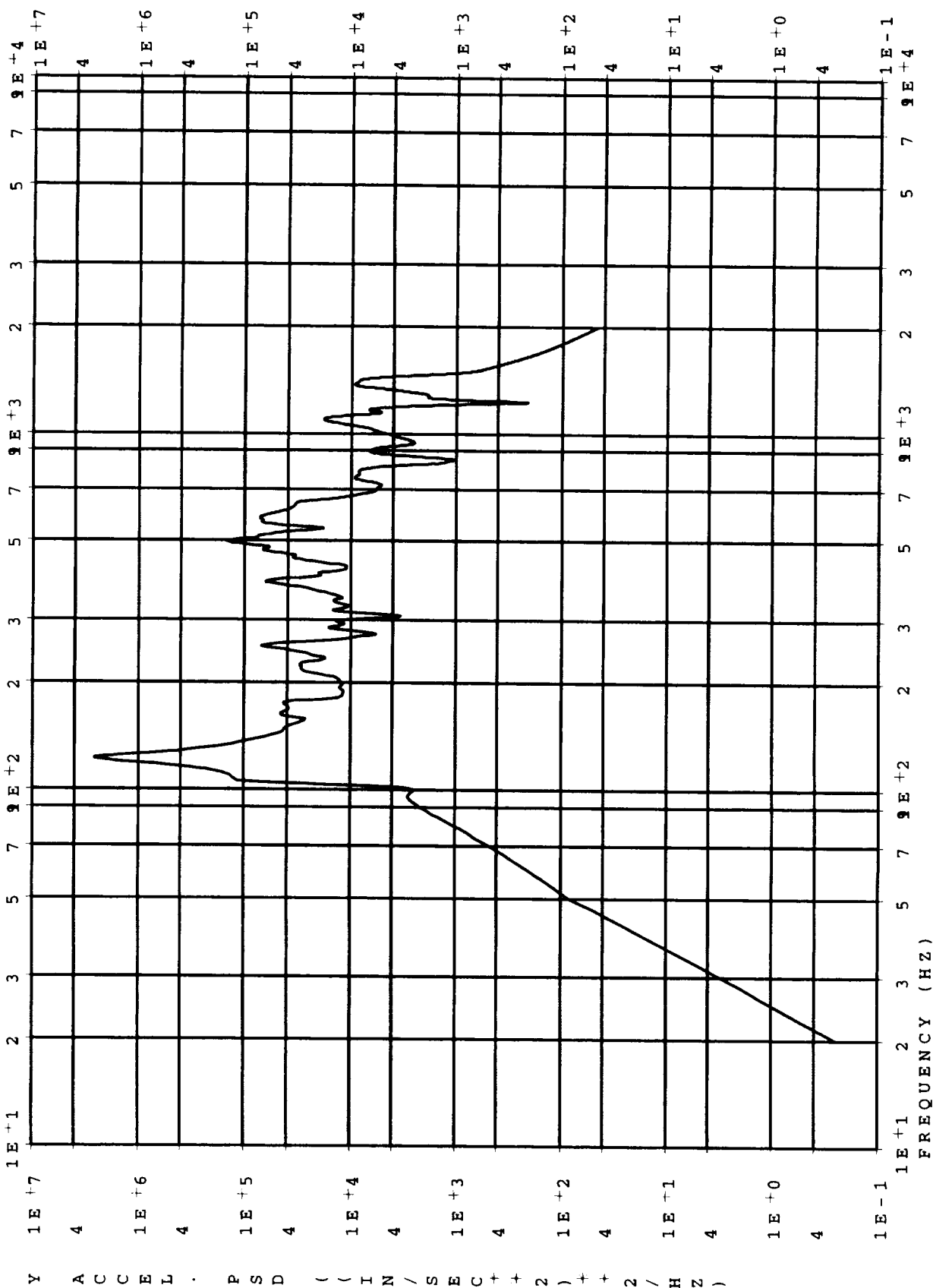
EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)



83

3 / 4 / 96

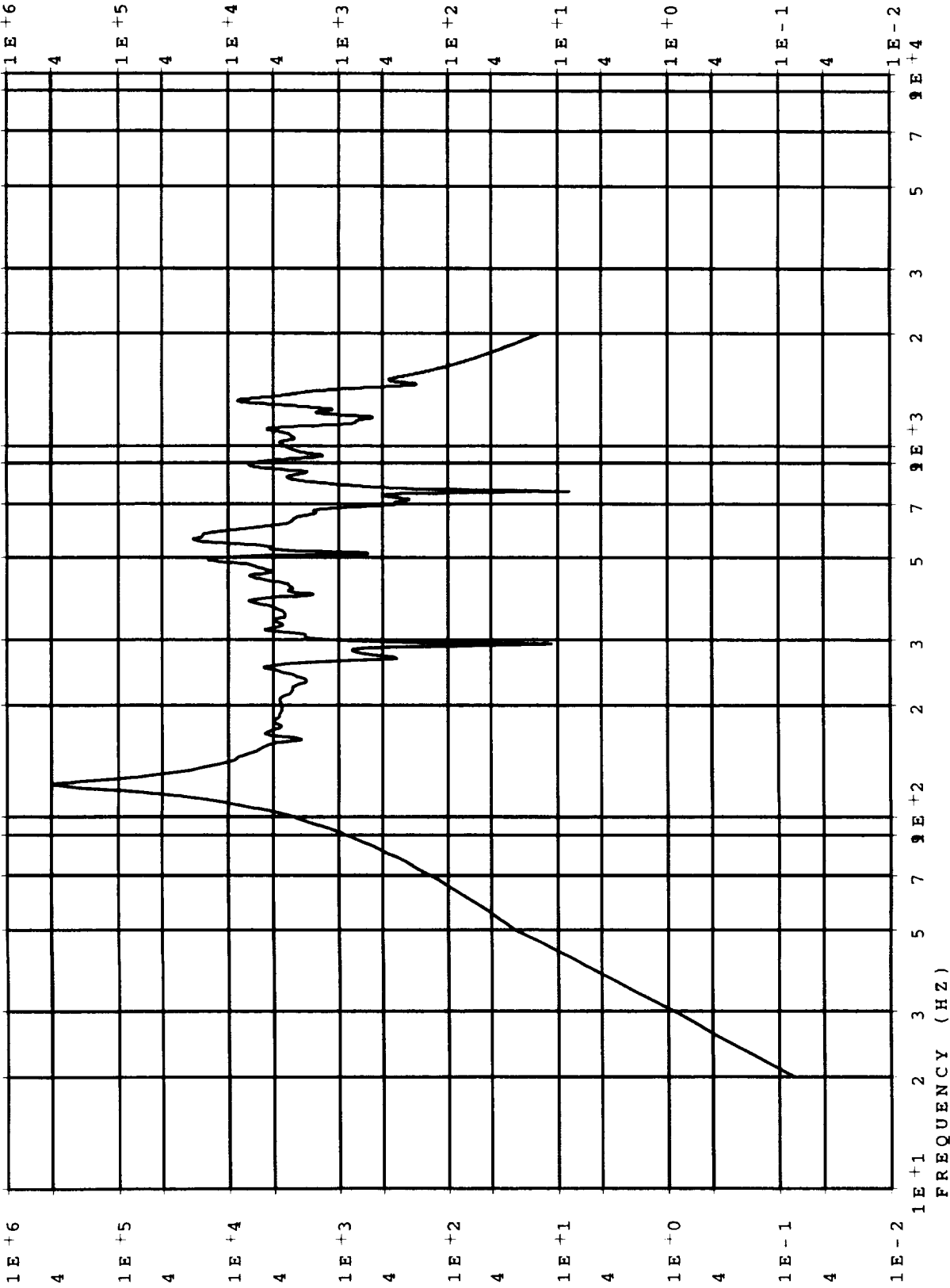
83



132

3 / 4 / 96

132

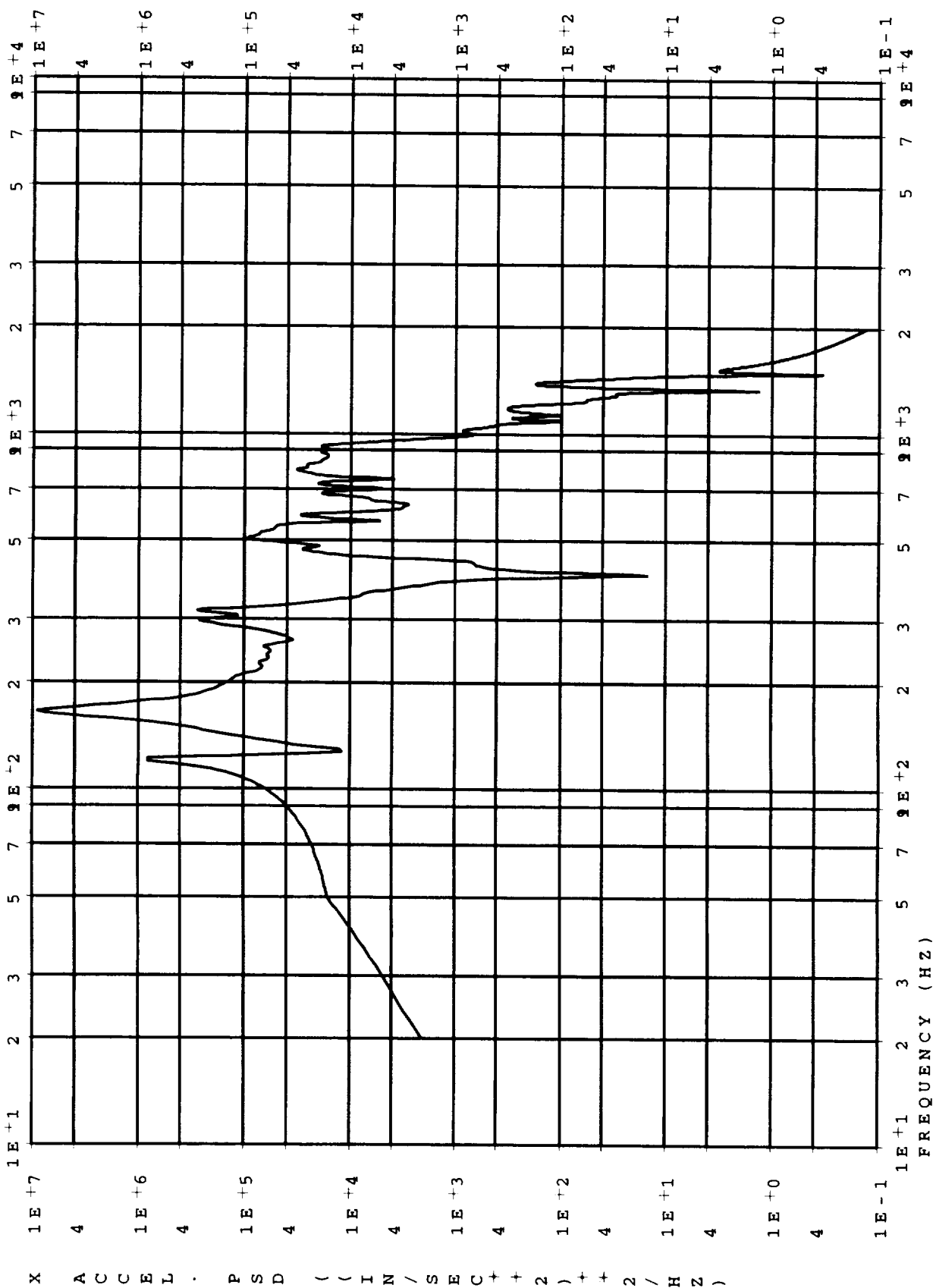


EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)

3 7

3 / 4 / 96

3 7

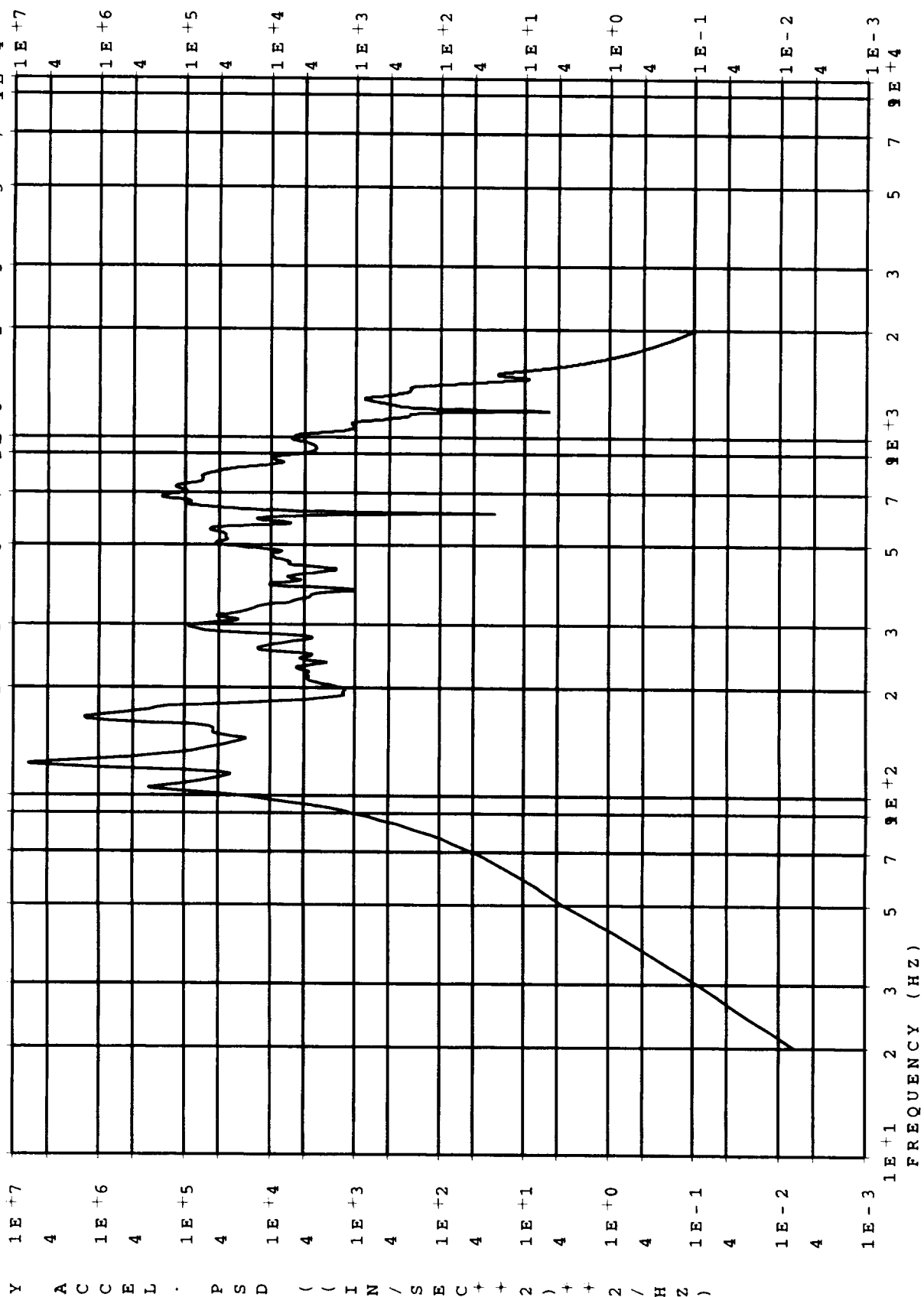


EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)

86

3 / 4 / 96

86

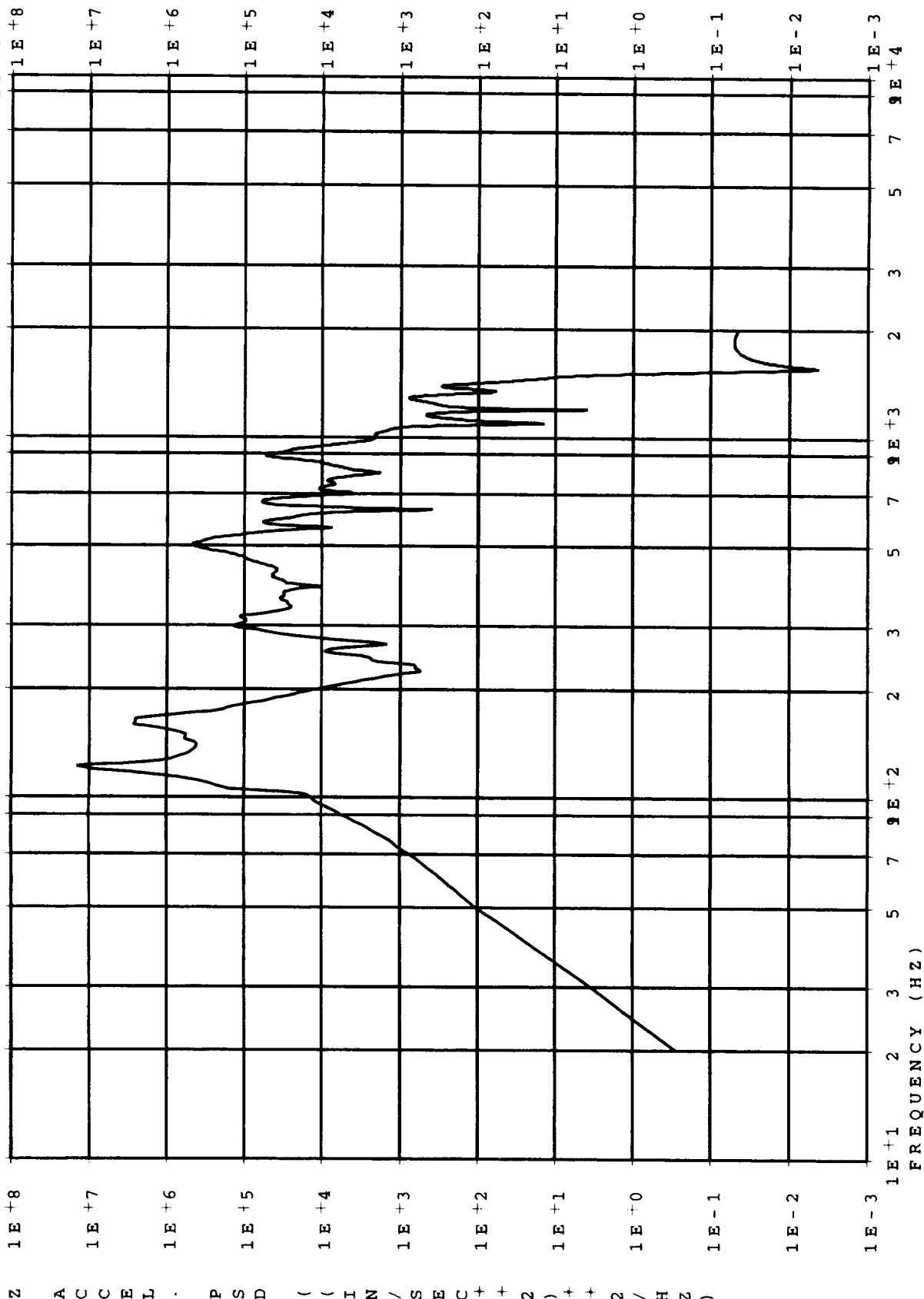


EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)

135

3 / 4 / 96

135



EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)

X Y - O U T P U T S U M M A R Y (A U T O R P S D F)

PLOT TYPE	CURVE TYPE	FRAME NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX
PSDF	ACCE	1	2201(3)	4.713527E+03	1.905803E+02	1.000E+01	2.000E+03	1.000E+00	1.707E+06	1.220E+02
PSDF	ACCE	2	2660(3)	4.597920E+03	3.957002E+02	1.000E+01	2.000E+03	1.000E+00	9.546E+05	1.219E+02
PSDF	ACCE	3	2648(3)	4.766735E+03	3.375160E+02	1.000E+01	2.000E+03	1.000E+00	1.050E+06	1.220E+02
PSDF	ACCE	4	2650(3)	4.899854E+03	3.221268E+02	1.000E+01	2.000E+03	1.000E+00	1.174E+06	1.049E+02
PSDF	ACCE	5	2658(3)	4.610041E+03	3.960679E+02	1.000E+01	2.000E+03	1.000E+00	9.425E+05	1.219E+02
PSDF	ACCE	6	2200(3)	4.712230E+03	1.897968E+02	1.000E+01	2.000E+03	1.000E+00	1.707E+06	1.220E+02
PSDF	ACCE	7	2205(3)	5.328751E+03	2.588330E+02	1.000E+01	2.000E+03	1.000E+00	2.196E+06	1.220E+02
PSDF	ACCE	8	2206(3)	5.333057E+03	2.609451E+02	1.000E+01	2.000E+03	1.000E+00	2.197E+06	1.220E+02
PSDF	ACCE	9	2196(3)	4.418197E+03	2.516819E+02	1.000E+01	2.000E+03	1.000E+00	1.275E+06	1.220E+02
PSDF	ACCE	10	1890(3)	7.621291E+03	1.760764E+02	1.000E+01	2.000E+03	1.000E+00	6.155E+06	1.220E+02
PSDF	ACCE	11	2197(3)	4.415817E+03	2.509436E+02	1.000E+01	2.000E+03	1.000E+00	1.274E+06	1.220E+02
PSDF	ACCE	12	3053(3)	1.066743E+04	2.916400E+02	1.000E+01	2.000E+03	1.000E+00	5.037E+06	1.220E+02
PSDF	ACCE	13	1885(3)	7.613689E+03	1.749749E+02	1.000E+01	2.000E+03	1.000E+00	6.146E+06	1.220E+02
PSDF	ACCE	14	1886(3)	7.610131E+03	1.748853E+02	1.000E+01	2.000E+03	1.000E+00	6.146E+06	1.220E+02
PSDF	ACCE	15	1887(3)	7.612935E+03	1.752359E+02	1.000E+01	2.000E+03	1.000E+00	6.148E+06	1.220E+02
PSDF	ACCE	16	1888(3)	7.614178E+03	1.754084E+02	1.000E+01	2.000E+03	1.000E+00	6.149E+06	1.220E+02
PSDF	ACCE	17	3037(3)	8.335512E+03	2.322485E+02	1.000E+01	2.000E+03	1.000E+00	6.881E+06	1.220E+02
PSDF	ACCE	18	3038(3)	8.429344E+03	2.537484E+02	1.000E+01	2.000E+03	1.000E+00	6.764E+06	1.220E+02
PSDF	ACCE	19	3039(3)	8.453160E+03	2.968823E+02	1.000E+01	2.000E+03	1.000E+00	6.439E+06	1.220E+02
PSDF	ACCE	20	3040(3)	8.189229E+03	3.063611E+02	1.000E+01	2.000E+03	1.000E+00	6.031E+06	1.220E+02
PSDF	ACCE	21	3041(3)	7.864993E+03	2.865337E+02	1.000E+01	2.000E+03	1.000E+00	5.807E+06	1.220E+02
PSDF	ACCE	22	3042(3)	7.939497E+03	2.973211E+02	1.000E+01	2.000E+03	1.000E+00	5.962E+06	1.220E+02
PSDF	ACCE	23	3043(3)	8.098524E+03	2.834178E+02	1.000E+01	2.000E+03	1.000E+00	6.345E+06	1.220E+02
PSDF	ACCE	24	3044(3)	8.191447E+03	2.428066E+02	1.000E+01	2.000E+03	1.000E+00	6.705E+06	1.220E+02

XY-OUTPUT SUMMARY (AUTOCORPSDF)

PLOT TYPE	CURVE FRAME NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	MIN FOR ALL DATA	MAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX
PSDF ACCE	25	2097(3)	4.499910E+03	3.825530E+02	1.000E+01	2.000E+03	0.000E+00	1.000E-01	8.618E+05	1.220E+02
PSDF ACCE	26	2098(3)	6.493361E+03	3.716501E+02	1.000E+01	2.000E+03	0.000E+00	1.000E-01	1.639E+06	1.220E+02
✓ PSDF ACCE	27	2173(3)	9.813527E+03	1.871630E+02	1.000E+01	2.000E+03	0.000E+00	1.000E-01	9.815E+06	1.220E+02
*** USER WARNING MESSAGE 979, AN XY-OUTPUT REQUEST FOR POINT OR ELEMENT ID 2168 -ACCE- CURVE IS BEING PASSED OVER. THE ID COULD NOT BE FOUND IN DATA BLOCK 102										
PSDF ACCE	28	2202(3)	4.715220E+03	1.916253E+02	1.000E-01	2.000E+03	0.000E+00	1.000E-01	1.708E+06	1.220E+02
PSDF ACCE	29	2204(3)	5.327168E+03	2.581896E+02	1.000E-01	2.000E+03	0.000E+00	1.000E-01	2.195E+06	1.220E+02
✓ PSDF ACCE	30	2400(3)	3.865574E+03	8.711844E+02	1.000E-01	2.000E+03	0.000E+00	1.000E-01	1.193E+04	1.261E+02
PSDF ACCE	31	2135(3)	7.027747E+03	3.893780E+02	1.000E-01	2.000E+03	0.000E+00	1.000E-01	3.385E+06	1.220E+02
✓ PSDF ACCE	32	2086(3)	5.515839E+03	6.078907E+02	1.000E-01	2.000E+03	0.000E+00	1.000E-01	1.348E+06	1.220E+02
PSDF ACCE	33	2090(3)	5.504907E+03	6.061133E+02	1.000E-01	2.000E+03	0.000E+00	1.000E-01	1.334E+06	1.220E+02
PSDF ACCE	34	2441(3)	1.304670E+04	5.233819E+02	1.000E+01	2.000E+03	0.000E+00	1.000E-01	5.754E+06	1.220E+02
PSDF ACCE	35	22644(3)	7.944763E+03	3.397052E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.194E+06	2.220E+02
PSDF ACCE	36	22632(3)	7.126769E+03	4.975714E+02	1.000E+01	2.000E+03	0.000E+00	1.000E-01	1.647E+06	2.200E+02
PSDF ACCE	37	26206(3)	1.139431E+04	2.644504E+02	1.000E-01	2.000E+03	0.000E+00	1.000E-01	8.967E+05	1.660E+02
PSDF ACCE	38	2122(3)	4.746530E+03	3.061417E+02	1.000E-01	2.000E+03	0.000E+00	1.000E-01	1.542E+06	1.220E+02
PSDF ACCE	39	27155(3)	9.575002E+03	2.737475E+02	1.000E-01	2.000E+03	0.000E+00	1.000E-01	2.687E+06	1.220E+02
PSDF ACCE	40	27156(3)	7.567594E+03	2.940972E+02	1.000E-01	2.000E+03	0.000E+00	1.000E-01	1.447E+06	1.220E+02
PSDF ACCE	41	27157(3)	8.012607E+03	2.772400E+02	1.000E-01	2.000E+03	0.000E+00	1.000E-01	1.534E+06	2.700E+02
PSDF ACCE	42	27158(3)	7.904305E+03	5.609996E+02	1.000E-01	2.000E+03	0.000E+00	1.000E-01	2.296E+06	1.220E+02
PSDF ACCE	43	27159(3)	7.244784E+03	5.373165E+02	1.000E+01	2.000E+03	0.000E+00	1.000E-01	1.523E+06	1.220E+02
PSDF ACCE	44	27160(3)	6.039629E+03	5.273276E+02	1.000E+01	2.000E+03	0.000E+00	1.000E-01	1.197E+06	1.220E+02
PSDF ACCE	45	27161(3)	5.120011E+03	6.689244E+02	1.000E+01	2.000E+03	0.000E+00	1.000E-01	7.590E+05	1.220E+02
PSDF ACCE	46	27162(3)	6.479297E+03	5.227581E+02	1.000E-01	2.000E+03	0.000E+00	1.000E-01	6.046E+05	2.700E+02
PSDF ACCE	47	27163(3)	9.113590E+03	8.602312E+02	1.000E-01	2.000E+03	0.000E+00	1.000E-01	1.774E+06	1.220E+02
PSDF ACCE	48	27164(3)	8.335519E+03	8.250464E+02	1.000E-01	2.000E+03	0.000E+00	1.000E-01	1.245E+06	1.220E+02

X Y - O U T P U T S U M M A R Y (A U T C O R P S D F)

PLOT TYPE	CURVE FRAME TYPE NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX
PSDF	ACCE	49	27165(3)	8.986588E+03	1.100916E+03	1.000E-01	2.003E+03	0.000E+00	1.000E+01	5.686E+05 1.220E+02
PSDF	ACCE	50	2201(4)	3.690728E+03	2.054307E+02	1.000E-01	2.003E+03	0.000E+00	1.000E+01	1.271E+06 1.220E+02
PSDF	ACCE	51	2660(4)	3.279198E+03	2.728863E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.701E+05 1.219E+02
PSDF	ACCE	52	2648(4)	3.274041E+03	2.655108E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	8.677E+05 1.219E+02
PSDF	ACCE	53	2650(4)	3.717242E+03	2.134831E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.088E+06 1.056E+02
PSDF	ACCE	54	2658(4)	3.713875E+03	2.128793E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.087E+06 1.056E+02
PSDF	ACCE	55	2200(4)	3.917084E+03	2.124513E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.475E+06 1.220E+02
PSDF	ACCE	56	2205(4)	3.689423E+03	2.044043E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.271E+06 1.220E+02
PSDF	ACCE	57	2206(4)	3.573995E+03	2.532913E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.085E+06 1.220E+02
PSDF	ACCE	58	2196(4)	3.922417E+03	2.167716E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.477E+06 1.220E+02
PSDF	ACCE	59	1890(4)	5.991348E+03	2.556425E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.452E+06 1.056E+02
PSDF	ACCE	60	2197(4)	3.692314E+03	2.064916E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.271E+06 1.220E+02
PSDF	ACCE	61	3053(4)	9.942441E+03	1.806240E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.264E+06 1.227E+02
PSDF	ACCE	62	1885(4)	5.454667E+03	2.090501E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.194E+06 1.056E+02
PSDF	ACCE	63	1886(4)	5.423270E+03	1.950020E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.279E+06 1.056E+02
PSDF	ACCE	64	1887(4)	5.603519E+03	1.456750E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.074E+06 1.056E+02
PSDF	ACCE	65	1888(4)	5.685504E+03	1.660798E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.174E+06 1.056E+02
PSDF	ACCE	66	3037(4)	5.823348E+03	1.576261E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.352E+06 1.056E+02
PSDF	ACCE	67	3038(4)	5.802415E+03	1.571630E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.333E+06 1.056E+02
PSDF	ACCE	68	3039(4)	5.746334E+03	1.577673E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.287E+06 1.056E+02
PSDF	ACCE	69	3040(4)	5.685191E+03	1.579464E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.238E+06 1.056E+02
PSDF	ACCE	70	3041(4)	5.657261E+03	1.566697E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.218E+06 1.056E+02
PSDF	ACCE	71	3042(4)	5.679255E+03	1.565098E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.239E+06 1.056E+02
PSDF	ACCE	72	3043(4)	5.742131E+03	1.570094E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.288E+06 1.056E+02

EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)

MARCH 4, 1996 MSC/NASTRAN 8/24/94 PAGE 319

XY-OUTPUT SUMMARY (AUTO OR PSD F)

PLOT TYPE	CURVE FRAME NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX
PSDF ACCE	73	3044(4)	5.798846E+03	1.571057E+02	1.000E+01	2.000E+03	0.000E+00	1.000E-01	3.334E+06	1.056E-02
PSDF ACCE	74	2097(4)	3.515552E+03	3.323017E+02	1.000E+01	2.000E+03	0.000E+00	1.000E-01	1.145E+06	1.220E-02
PSDF ACCE	75	2098(4)	3.493452E+03	3.186406E+02	1.000E+01	2.000E+03	0.000E+00	1.000E-01	1.139E+06	1.220E+02
PSDF ACCE	76	2173(4)	6.274113E+03	2.160746E+02	1.000E+01	2.000E+03	0.000E+00	1.000E-01	3.677E+06	1.056E+02

*** USER WARNING MESSAGE 979, AN XY-OUTPUT REQUEST FOR POINT OR ELEMENT ID 2168
-ACCE- CURVE IS BEING PASSED OVER. THE ID COULD NOT BE FOUND IN DATA BLOCK 102

PSDF ACCE	77	2202(4)	3.576194E+03	2.563057E+02	1.000E-01	2.000E+03	0.000E-00	1.000E-01	1.083E+06	1.220E+02
PSDF ACCE	78	2204(4)	3.913212E+03	2.103672E+02	1.000E-01	2.000E+03	0.000E-00	1.000E-01	1.473E+06	1.220E+02
PSDF ACCE	79	2400(4)	4.837227E+05	8.834369E+02	1.000E+01	2.000E+03	0.000E-00	1.000E-01	1.528E-11	2.280E+02
PSDF ACCE	80	2135(4)	4.065270E+03	3.529275E+02	1.000E+01	2.000E+03	0.000E-00	1.000E-01	1.288E+06	1.220E+02
PSDF ACCE	81	2086(4)	5.012068E+03	2.763007E+02	1.000E+01	2.000E+03	0.000E+00	1.000E-01	2.304E+06	1.220E+02
PSDF ACCE	82	2090(4)	4.093866E+03	3.615304E+02	1.000E+01	2.000E+03	0.000E-00	1.000E-01	1.242E+06	1.220E+02
PSDF ACCE	83	2441(4)	5.619381E+03	4.836529E+02	1.000E+01	2.000E+03	0.000E-00	1.000E-01	2.615E+06	1.220E+02
PSDF ACCE	84	22644(4)	4.421937E+03	3.365302E+02	1.000E+01	2.000E+03	0.000E-00	1.000E-01	8.971E+05	1.220E+02
PSDF ACCE	85	22632(4)	2.961220E+03	7.918105E+02	1.000E+01	2.000E+03	0.000E-00	1.000E-01	2.838E+05	1.220E+02
PSDF ACCE	86	26206(4)	3.285163E+03	4.187450E+02	1.000E+01	2.000E+03	0.000E-00	1.000E-01	6.735E+06	1.227E+02
PSDF ACCE	87	2122(4)	7.175621E+03	1.719012E+02	1.000E+01	2.000E+03	0.000E-00	1.000E-01	2.565E+06	1.780E+02
PSDF ACCE	88	27155(4)	3.180679E+03	3.917907E+02	1.000E+01	2.000E+03	0.000E-00	1.000E-01	8.886E+05	1.220E+02
PSDF ACCE	89	27156(4)	3.195214E+03	4.129741E+02	1.000E+01	2.000E+03	0.000E-00	1.000E-01	8.331E+05	1.220E+02
PSDF ACCE	90	27157(4)	3.223206E+03	4.155919E+02	1.000E-01	2.000E+03	0.000E-00	1.000E-01	9.003E+05	1.220E-02
PSDF ACCE	91	27158(4)	3.356071E+03	3.406615E+02	1.000E-01	2.000E+03	0.000E-00	1.000E-01	1.036E+06	1.220E+02
PSDF ACCE	92	27159(4)	3.440306E+03	3.435428E+02	1.000E+01	2.000E+03	0.000E+00	1.000E-01	1.088E+06	1.220E+02
PSDF ACCE	93	27160(4)	3.418510E+03	3.591766E+02	1.000E-01	2.000E+03	0.000E-00	1.000E-01	1.063E+06	1.220E+02
PSDF ACCE	94	27161(4)	3.458769E+03	3.515140E+02	1.000E-01	2.000E+03	0.000E+00	1.000E-01	1.094E+06	1.220E+02
PSDF ACCE	95	27162(4)	3.431109E+03	3.569220E+02	1.000E+01	2.000E+03	0.000E+00	1.000E-01	1.072E+06	1.220E+02
PSDF ACCE	96	27163(4)	3.726535E+03	2.681063E+02	1.000E+01	2.000E+03	0.000E+00	1.000E-01	1.324E+06	1.220E+02

X Y - O U T P U T S U M M A R Y (A J T O R P S D F)

PLOT TYPE	CURVE FRAME NO.	CURVE ID.	RMS VALUE	NC. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX
PSDF ACCE	97	27164(4)	3.743257E+03	2.838279E+02	1.000E-01	2.000E+03	0.000E-00	1.000E-01	1.326E+06	1.220E+02
PSDF ACCE	98	27165(4)	3.763618E+03	2.912218E+02	1.000E-01	2.000E+03	0.000E-00	1.000E-01	1.335E+06	1.220E+02
PSDF ACCE	99	2201(5)	2.968099E+03	4.015731E+02	1.000E-01	2.000E+03	0.000E-00	1.000E-01	2.000E+05	2.860E+02
PSDF ACCE	100	2660(5)	3.994242E+03	4.692846E+02	1.000E-01	2.000E+03	0.000E-00	1.000E-01	4.032E+05	5.040E+02
PSDF ACCE	101	2648(5)	2.885955E+03	4.961635E+02	1.000E-01	2.000E+03	0.000E-00	1.000E-01	1.336E+05	4.740E+02
PSDF ACCE	102	2650(5)	3.470087E+03	4.951433E+02	1.000E-01	2.000E+03	0.000E-00	1.000E-01	2.547E+05	4.760E+02
PSDF ACCE	103	2658(5)	2.701744E+03	3.874023E+02	1.000E-01	2.000E+03	0.000E-00	1.000E-01	1.233E+05	2.620E+02
PSDF ACCE	104	2200(5)	2.376384E+03	6.206569E+02	1.000E-01	2.000E+03	0.000E-00	1.000E-01	1.013E+05	2.860E+02
PSDF ACCE	105	2205(5)	2.563822E+03	4.465548E+02	1.000E-01	2.000E+03	0.000E-00	1.000E-01	6.985E+04	2.840E+02
PSDF ACCE	106	2206(5)	2.334288E+03	4.754648E+02	1.000E-01	2.000E+03	0.000E-00	1.000E-01	1.180E+05	1.220E+02
PSDF ACCE	107	2196(5)	2.748011E+03	4.201550E+02	1.000E-01	2.000E+03	0.000E-00	1.000E-01	1.090E+05	2.980E+02
PSDF ACCE	108	1890(5)	4.097537E+03	5.995651E+02	1.000E-01	2.000E+03	0.000E-00	1.000E-01	1.978E+05	5.020E+02
PSDF ACCE	109	2197(5)	2.767031E+03	4.690157E+02	1.000E-01	2.000E+03	0.000E-00	1.000E-01	9.085E+04	2.980E+02
PSDF ACCE	110	3053(5)	7.727418E+03	4.877249E+02	1.000E-01	2.000E+03	0.000E-00	1.000E-01	6.267E+05	2.400E+02
PSDF ACCE	111	1885(5)	4.214795E+03	4.245220E+02	1.000E-01	2.000E+03	0.000E-00	1.000E-01	1.832E+05	1.227E+02
PSDF ACCE	112	1886(5)	4.034926E+03	4.354317E+02	1.000E-01	2.000E+03	0.000E-00	1.000E-01	1.552E+05	5.020E+02
PSDF ACCE	113	1887(5)	3.249412E+03	4.908425E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.456E+05	5.020E+02
PSDF ACCE	114	1888(5)	3.207883E+03	4.836579E+02	1.000E-01	2.000E+03	0.000E-00	1.000E+01	1.429E+05	5.020E+02
PSDF ACCE	115	3037(5)	3.254464E+03	4.793968E+02	1.000E-01	2.000E+03	0.000E-00	1.000E+01	1.438E+05	5.020E+02
PSDF ACCE	116	3038(5)	3.253637E+03	4.791941E+02	1.000E-01	2.000E+03	0.000E-00	1.000E+01	1.424E+05	5.020E+02
PSDF ACCE	117	3039(5)	3.261656E+03	4.796177E+02	1.000E-01	2.000E+03	0.000E-00	1.000E+01	1.425E+05	5.020E+02
PSDF ACCE	118	3040(5)	3.260933E+03	4.790917E+02	1.000E-01	2.000E+03	0.000E-00	1.000E+01	1.432E+05	5.020E+02
PSDF ACCE	119	3041(5)	3.271774E+03	4.789561E+02	1.000E-01	2.000E+03	0.000E-00	1.000E+01	1.463E+05	5.020E+02
PSDF ACCE	120	3042(5)	3.267952E+03	4.801046E+02	1.000E+01	2.000E+03	0.000E-00	1.000E+01	1.471E+05	5.020E+02

XY-OUTPUT SUMMARY (AUTO OR PSD F)

PLOT TYPE	CURVE FRAME NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX
PSDF ACCE	121	3043(5)	3.266654E+03	4.814569E+02	1.000E+01	2.000E+01	0.000E+00	1.000E-01	1.471E+05	5.020E+02
PSDF ACCE	122	3044(5)	3.253765E+03	4.804913E+02	1.000E+01	2.000E+01	0.000E+00	1.000E-01	1.450E+05	5.020E+02
PSDF ACCE	123	2097(5)	1.770500E+03	1.110151E+03	1.000E+01	2.000E+01	0.000E+00	1.000E-01	4.886E+04	1.220E+02
PSDF ACCE	124	2098(5)	1.546338E+03	1.172737E+03	1.000E+01	2.000E+01	0.000E+00	1.000E-01	1.554E+04	1.220E+02
PSDF ACCE	125	2173(5)	3.267920E+03	4.797835E+02	1.000E+01	2.000E+01	0.000E+00	1.000E-01	1.448E+05	5.020E+02
*** USER WARNING MESSAGE 979, AN XY-OUTPUT REQUEST FOR POINT OR ELEMENT ID 2163 -ACCE- CURVE IS BEING PASSED OVER. THE ID COULD NOT BE FOUND IN DATA BLOCK 102										
PSDF ACCE	126	2202(5)	2.907631E+03	6.105752E+02	1.000E+01	2.000E+01	0.000E+00	1.000E-01	9.285E+04	2.840E+02
PSDF ACCE	127	2204(5)	3.246216E+03	6.638161E+02	1.000E+01	2.000E+01	0.000E+00	1.000E-01	1.431E+05	7.460E+02
PSDF ACCE	128	2400(5)	3.173891E+05	8.741957E+02	1.000E+01	2.000E+01	0.000E+00	1.000E-01	5.181E+11	3.200E+02
PSDF ACCE	129	2135(5)	2.572387E+03	6.892299E+02	1.000E+01	2.000E+01	0.000E+00	1.000E-01	2.702E+05	1.220E+02
PSDF ACCE	130	2085(5)	2.597672E+03	1.125775E+03	1.000E+01	2.000E+01	0.000E+00	1.000E-01	1.204E+05	1.220E+02
PSDF ACCE	131	2090(5)	1.673475E+03	8.161085E+02	1.000E+01	2.000E+01	0.000E+00	1.000E-01	2.536E+04	1.049E+02
PSDF ACCE	132	2441(5)	2.730539E+03	5.496066E+02	1.000E+01	2.000E+01	0.000E+00	1.000E-01	3.821E+05	1.220E+02
PSDF ACCE	133	22644(5)	3.313210E+03	5.399471E+02	1.000E+01	2.000E+01	0.000E+00	1.000E-01	3.546E+05	1.480E+02
PSDF ACCE	134	22632(5)	3.221822E+03	4.393535E+02	1.000E+01	2.000E+01	0.000E+00	1.000E-01	3.604E+05	1.480E+02
PSDF ACCE	135	26206(5)	1.260449E+04	2.948527E+02	1.000E+01	2.000E+01	0.000E+00	1.000E-01	1.431E+07	1.219E+02
PSDF ACCE	136	2122(5)	1.793413E+03	5.210759E+02	1.000E+01	2.000E+01	0.000E+00	1.000E-01	1.818E+05	1.220E+02
PSDF ACCE	137	27155(5)	1.446592E+03	1.196755E+03	1.000E+01	2.000E+01	0.000E+00	1.000E-01	1.116E+04	1.310E+03
PSDF ACCE	138	27156(5)	1.616373E+03	1.144348E+03	1.000E+01	2.000E+01	0.000E+00	1.000E-01	2.857E+04	1.220E+02
PSDF ACCE	139	27157(5)	1.759742E+03	1.011448E+03	1.000E+01	2.000E+01	0.000E+00	1.000E-01	8.077E+04	1.220E+02
PSDF ACCE	140	27158(5)	1.429416E+03	1.194155E+03	1.000E+01	2.000E+01	0.000E+00	1.000E-01	1.070E+04	1.310E+03
PSDF ACCE	141	27159(5)	1.623041E+03	1.162366E+03	1.000E+01	2.000E+01	0.000E+00	1.000E-01	2.222E+04	1.220E+02
PSDF ACCE	142	27150(5)	1.713424E+03	1.132482E+03	1.000E+01	2.000E+01	0.000E+00	1.000E-01	3.748E+04	1.220E+02
PSDF ACCE	143	27161(5)	1.794788E+03	1.090049E+03	1.000E+01	2.000E+01	0.000E+00	1.000E-01	5.808E+04	1.220E+02
PSDF ACCE	144	27162(5)	1.863685E+03	1.027634E+03	1.000E+01	2.000E+01	0.000E+00	1.000E-01	8.753E+04	1.220E+02

EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)

MARCH 4, 1996 MSC/NASTRAN 8/24/94 PAGE 322

X Y - O U T P U T S U M M A R Y (A U T C O R P S D F)

PLOT TYPE	CURVE TYPE	FRAME NO.	CURVE ID.	RMS VALUE	NC. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	YMAX FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX
PSDF	ACCE	145	27163(5)	1.417749E+03	1.183465E+03	1.000E+01	2.000E+03	0.000E-00	1.023E+04	1.000E+01	1.023E+04	1.310E+03
PSDF	ACCE	146	27164(5)	1.691829E+03	1.145608E+03	1.000E+01	2.000E+03	0.000E-00	3.055E+04	1.000E+01	3.055E+04	1.220E+02
PSDF	ACCE	147	27165(5)	1.994240E+03	1.0418C4E+03	1.000E+01	2.000E+03	0.000E-00	9.785E+04	1.000E+01	9.785E+04	1.220E+02

EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)

Report 10515
1 Apr 96

MARCH 2, 1996 MSC/NASTRAN 8/24/94 PAGE 85

X AXIS PSD RESPONSE

X Y - O U T P U T S U M M A R Y (A U T O O R F S D F)

PLOT TYPE	CURVE FRAME TYPE NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX
PSDF DISP	0	2201(3)	1.475516E-02	7.234167E+01	1.000E-01	2.000E+03	0.000E+00	1.000E+01	8.187E-06	2.000E+01
PSDF DISP	0	2660(3)	1.271497E-02	6.155030E+01	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.995E-06	2.000E+01
PSDF DISP	0	2643(3)	1.423091E-02	6.836210E+01	1.000E-01	2.000E+03	0.000E+00	1.000E+01	8.142E-06	2.000E+01
PSDF DISP	0	2650(3)	1.465560E-02	7.029280E+01	1.000E-01	2.000E+03	0.000E+00	1.000E+01	8.170E-06	2.000E+01
PSDF DISP	0	2658(3)	1.261680E-02	6.136414E+01	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.976E-06	2.000E+01
PSDF DISP	0	23636(3)	2.027473E-04	5.539155E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.736E-09	3.880E+02
PSDF DISP	0	23637(3)	2.723083E-04	3.811121E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.481E-09	3.880E+02
PSDF DISP	0	23638(3)	3.431876E-04	3.566756E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.025E-09	1.220E+02
PSDF DISP	0	23639(3)	3.682948E-04	3.516096E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	6.392E-09	1.220E+02
PSDF DISP	0	23640(3)	3.693508E-04	3.699181E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.277E-09	1.220E+02
PSDF DISP	0	23641(3)	3.628368E-04	3.108242E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	6.796E-09	1.220E+02
PSDF DISP	0	23642(3)	3.621855E-04	3.411453E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	5.432E-09	1.220E+02
PSDF DISP	0	23643(3)	3.634821E-04	3.588927E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.080E-09	1.220E+02
PSDF DISP	0	23644(3)	3.707419E-04	3.403820E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	6.998E-09	2.300E+02
PSDF DISP	0	23645(3)	4.301149E-04	3.514720E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.158E-08	2.300E+02
PSDF DISP	0	23646(3)	5.574423E-04	4.095495E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.830E-08	2.300E+02
PSDF DISP	0	23647(3)	3.232515E-04	5.724082E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.420E-09	3.880E+02
PSDF DISP	0	23648(3)	3.196725E-04	3.641839E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.223E-09	3.890E+02
PSDF DISP	0	23649(3)	3.668575E-04	3.962458E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.785E-09	1.220E+02
PSDF DISP	0	23650(3)	3.730081E-04	3.527567E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.451E-09	1.220E+02
PSDF DISP	0	23651(3)	3.577307E-04	3.136682E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	8.849E-09	1.220E+02
PSDF DISP	0	23652(3)	3.575778E-04	3.073703E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	8.452E-09	1.220E+02
PSDF DISP	0	23653(3)	3.709079E-04	3.750578E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.050E-09	1.220E+02
PSDF DISP	0	23654(3)	3.710851E-04	3.692663E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.359E-09	1.220E+02

EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GFMS)

MARCH 2, 1996 MSC/NASTRAN 8/24/94 PAGE 86

X AXIS PSD RESPONSE

X Y - O U T P U T S U M M A R Y (A U T C O R P S D F)										
PLOT TYPE	CURVE FRAME NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX
PSDF DISP	0	23655(3)	3.866395E-04	3.488753E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.114E-09	2.300E+02
PSDF DISP	0	23656(3)	4.424730E-04	3.321445E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.160E-08	2.300E+02
PSDF DISP	0	23657(3)	5.882393E-04	4.784007E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.862E-03	2.300E+02
PSDF DISP	0	23658(3)	1.244799E-02	1.266969E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	3.435E-05	1.220E+02
PSDF DISP	0	23659(3)	3.383109E-03	2.790658E+02	1.000E+01	2.000E-03	0.000E+00	1.000E+01	4.381E-07	1.220E+02
PSDF DISP	0	23660(3)	1.365384E-02	1.401840E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	1.460E-05	1.227E+02
PSDF DISP	0	23661(3)	1.362622E-02	1.402787E+02	1.000E+01	2.000E-03	0.000E+00	1.000E+01	1.445E-05	1.227E+02
PSDF DISP	0	23662(3)	1.388792E-02	1.414677E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.973E-05	1.219E+02
PSDF DISP	0	23663(3)	1.074569E-02	1.323205E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.754E-06	1.219E+02
PSDF DISP	0	2441(3)	1.943956E-02	9.363731E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.666E-05	1.220E+02
PSDF DISP	0	2200(3)	1.476445E-02	7.233642E+01	1.000E-01	2.000E+03	0.000E+00	1.000E+01	8.187E-06	2.000E+01
PSDF DISP	0	2205(3)	1.558053E-02	7.623189E+01	1.000E-01	2.000E+03	0.000E+00	1.000E+01	8.244E-06	2.000E+01
PSDF DISP	0	2206(3)	1.558229E-02	7.624180E+01	1.000E-01	2.000E-03	0.000E+00	1.000E+01	8.244E-06	2.000E+01
PSDF DISP	0	2196(3)	1.399786E-02	6.826244E+01	1.000E-01	2.000E-03	0.000E+00	1.000E+01	8.129E-06	2.000E+01
PSDF DISP	0	1890(3)	1.813478E-02	5.967857E+01	1.000E+01	2.000E-03	0.000E+00	1.000E+01	1.783E-05	1.220E+02
PSDF DISP	0	2157(3)	1.399703E-02	6.825587E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.129E-06	2.000E+01
PSDF DISP	0	3053(3)	1.908193E-02	9.505367E+01	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.459E-05	1.220E+02
PSDF DISP	0	1885(3)	1.812795E-02	8.965285E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.780E-05	1.220E+02
PSDF DISP	0	1886(3)	1.812757E-02	8.965150E+01	1.000E+01	2.000E-03	0.000E+00	1.000E+01	1.780E-05	1.220E+02
PSDF DISP	0	1887(3)	1.812932E-02	8.965797E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.781E-05	1.220E+02
PSDF DISP	0	1888(3)	1.813011E-02	8.966100E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.781E-05	1.220E+02
PSDF DISP	0	3037(3)	1.868652E-02	9.159815E+01	1.000E+01	2.000E-03	0.000E+00	1.000E+01	1.993E-05	1.220E+02
PSDF DISP	0	3038(3)	1.867787E-02	9.146230E+01	1.000E+01	2.000E-03	0.000E+00	1.000E+01	1.953E-05	1.220E+02
PSDF DISP	0	3039(3)	1.845431E-02	9.079439E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.865E-05	1.220E+02

EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDCM VIBRATION (9.97 GRMS)

MARCH 2, 1996 MSC/NASTRAN 8/24/94 PAGE 87

X AXIS PSD RESPONSE

X Y - O U T P U T S U M M A R Y (A T T O R P S D F)

PLOT TYPE	CURVE TYPE	FRAME NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX
PSDF	DISP	0	3040(3)	1.812C48E-02	8.973347E+01	1.000E-01	2.000E-03	0.000E+00	1.000E+01	1.747E-05	1.220E+02
PSDF	DISP	0	3041(3)	1.787155E-02	8.893169E+01	1.000E-01	2.000E-03	0.000E+00	1.000E+01	1.682E-05	1.220E+02
PSDF	DISP	0	3042(3)	1.792178E-02	5.927623E+01	1.000E-01	2.000E-03	0.000E+00	1.000E+01	1.727E-05	1.220E+02
PSDF	DISP	0	3043(3)	1.818674E-02	9.023260E+01	1.000E-01	2.000E-03	0.000E+00	1.000E+01	1.838E-05	1.220E+02
PSDF	DISP	0	3044(3)	1.848233E-02	9.110207E+01	1.000E-01	2.000E-03	0.000E+00	1.000E+01	1.942E-05	1.220E+02
PSDF	DISP	0	2097(3)	1.354834E-02	6.490430E+01	1.000E-01	2.000E-03	0.000E+00	1.000E+01	8.105E-06	2.000E+01
PSDF	DISP	0	2098(3)	1.509341E-02	7.567844E+01	1.000E-01	2.000E-03	0.000E+00	1.000E+01	8.227E-06	2.000E+01
PSDF	DISP	0	21086(3)	1.208324E-02	5.284097E+01	1.000E-01	2.000E-03	0.000E+00	1.000E+01	7.956E-06	2.000E+01
PSDF	DISP	0	21126(3)	1.203778E-02	5.201618E+01	1.000E-01	2.000E-03	0.000E+00	1.000E+01	7.950E-06	2.000E+01
PSDF	DISP	0	21139(3)	1.203347E-02	5.194385E+01	1.000E-01	2.000E-03	0.000E+00	1.000E+01	7.949E-06	2.000E+01
PSDF	DISP	0	21150(3)	1.203030E-02	5.190523E+01	1.000E-01	2.000E-03	0.000E+00	1.000E+01	7.949E-06	2.000E+01
PSDF	DISP	0	21159(3)	1.203436E-02	5.196934E+01	1.000E-01	2.000E-03	0.000E+00	1.000E+01	7.949E-06	2.000E+01
PSDF	DISP	0	21160(3)	1.203135E-02	5.192091E+01	1.000E-01	2.000E-03	0.000E+00	1.000E+01	7.949E-06	2.000E+01
PSDF	DISP	0	21161(3)	1.203304E-02	5.189943E+01	1.000E-01	2.000E-03	0.000E+00	1.000E+01	7.949E-06	2.000E+01
PSDF	DISP	0	21094(3)	1.207379E-02	5.276090E+01	1.000E-01	2.000E-03	0.000E+00	1.000E+01	7.955E-06	2.000E+01
PSDF	DISP	0	21190(3)	1.217066E-02	5.267227E+01	1.000E-01	2.000E-03	0.000E+00	1.000E+01	7.967E-06	2.000E+01
PSDF	DISP	0	21193(3)	1.215090E-02	5.245967E+01	1.000E-01	2.000E-03	0.000E+00	1.000E+01	7.964E-06	2.000E+01
PSDF	DISP	0	21206(3)	1.214648E-02	5.241448E+01	1.000E-01	2.000E-03	0.000E+00	1.000E+01	7.964E-06	2.000E+01
PSDF	DISP	0	21214(3)	1.213925E-02	5.233916E+01	1.000E-01	2.000E-03	0.000E+00	1.000E+01	7.963E-06	2.000E+01
PSDF	DISP	0	21227(3)	1.213318E-02	5.229163E+01	1.000E-01	2.000E-03	0.000E+00	1.000E+01	7.962E-06	2.000E+01
PSDF	DISP	0	21238(3)	1.212863E-02	5.224605E+01	1.000E-01	2.000E-03	0.000E+00	1.000E+01	7.961E-06	2.000E+01
PSDF	DISP	0	21249(3)	1.213074E-02	5.225983E+01	1.000E-01	2.000E-03	0.000E+00	1.000E+01	7.961E-06	2.000E+01
PSDF	DISP	0	21085(3)	1.196615E-02	5.121441E+01	1.000E-01	2.000E-03	0.000E+00	1.000E+01	7.939E-06	2.000E+01
PSDF	DISP	0	21093(3)	1.196122E-02	5.114452E+01	1.000E-01	2.000E-03	0.000E+00	1.000E+01	7.939E-06	2.000E+01

EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GEMS)

MARCH 2, 1996 MSC/NASTRAN 8/24/94 PAGE 88

X AXIS PSD RESPONSE

X Y - O U T P U T S U M M A R Y (A U T C O R P S D F)

PLOT TYPE	CURVE FRAME NO.	CURVE ID.	RMS VALUE	NC. POSITIVE CROSSINGS	YMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX
PSDF DISP	0	21101(3)	1.194802E-02	5.093313E+01	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.937E-06	2.000E+01
PSDF DISP	0	21109(3)	1.193763E-02	5.082127E+01	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.935E-06	2.000E+01
PSDF DISP	0	21117(3)	1.192707E-02	5.065841E+01	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.933E-06	2.000E+01
PSDF DISP	0	21149(3)	1.191699E-02	5.049540E+01	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.932E-06	2.000E+01
PSDF DISP	0	21158(3)	1.191768E-02	5.049730E+01	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.932E-06	2.000E+01
PSDF DISP	0	21165(3)	1.192010E-02	5.052012E+01	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.932E-06	2.000E+01
PSDF DISP	0	21166(3)	1.192184E-02	5.051195E+01	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.932E-06	2.000E+01
PSDF DISP	0	21173(3)	1.207111E-02	5.156839E+01	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.953E-06	2.000E+01
PSDF DISP	0	21181(3)	1.206469E-02	5.151576E+01	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.952E-06	2.000E+01
PSDF DISP	0	21205(3)	1.202247E-02	5.109895E+01	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.946E-06	2.000E+01
PSDF DISP	0	21213(3)	1.201822E-02	5.106541E+01	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.945E-06	2.000E+01
PSDF DISP	0	21226(3)	1.201000E-02	5.099234E+01	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.944E-06	2.000E+01
PSDF DISP	0	21237(3)	1.200649E-02	5.096832E+01	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.944E-06	2.000E+01
PSDF DISP	0	21246(3)	1.200648E-02	5.097557E+01	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.944E-06	2.000E+01
PSDF DISP	0	21253(3)	1.200895E-02	5.100034E+01	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.944E-06	2.000E+01
PSDF DISP	0	21118(3)	1.204293E-02	5.212059E+01	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.950E-06	2.000E+01
PSDF DISP	0	21174(3)	1.213474E-02	5.292892E+01	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.970E-06	2.000E+01
PSDF DISP	0	21152(3)	1.218558E-02	5.283219E+01	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.969E-06	2.000E+01
PSDF DISP	0	21102(3)	1.206777E-02	5.250594E+01	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.953E-06	2.000E+01
PSDF DISP	0	21110(3)	1.204520E-02	5.220524E+01	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.951E-06	2.000E+01
PSDF DISP	0	21247(3)	1.213230E-02	5.229933E+01	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.962E-06	2.000E+01
PSDF DISP	0	21248(3)	1.212878E-02	5.226041E+01	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.961E-06	2.000E+01
PSDF DISP	0	21125(3)	1.192516E-02	5.061317E+01	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.933E-06	2.000E+01
PSDF DISP	0	21138(3)	1.191911E-02	5.052655E+01	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.932E-06	2.000E+01

MARCH 2, 1996 MSC/NASTRAN 8/24/94 PAGE 89

EOS/AMSC-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)

X AXIS PSD RESPONSE

XY-CUTPUT SUMMARY (A T C O R P S D F)

PLOT TYPE	CURVE NO.	RMS VALUE	NO. POSITIVE CROSSINGS	MIN FOR ALL DATA	MAX FOR ALL DATA	MIN FOR ALL DATA	MAX FOR ALL DATA	YMIN FOR ALL DATA	YMAX FOR ALL DATA	X FOR YMIN	X FOR YMAX
PSDF DISP	0	21189(3)	1.205054E-02	5.137257E+01	1.000E-01	2.000E+03	0.000E+00	1.000E+00	7.950E-06	2.000E+01	2.000E+01
PSDF DISP	0	21197(3)	1.203679E-02	5.123641E+01	1.000E-01	2.000E+03	0.000E+00	1.000E+00	7.948E-06	2.000E+01	2.000E+01
PSDF DISP	0	21254(3)	1.201078E-02	5.100731E+01	1.000E-01	2.000E+03	0.000E+00	1.000E+00	7.944E-06	2.000E+01	2.000E+01
PSDF DISP	0	2204(3)	1.557974E-02	7.622668E+01	1.000E-01	2.000E+03	0.000E+00	1.000E+00	8.244E-06	2.000E+01	2.000E+01
PSDF DISP	0	2202(3)	1.476596E-02	7.234729E+01	1.000E-01	2.000E+03	0.000E+00	1.000E+00	8.187E-06	2.000E+01	2.000E+01
PSDF DISP	0	22644(3)	1.442290E-02	8.145665E+01	1.000E-01	2.000E+03	0.000E+00	1.000E+00	8.193E-06	2.000E+01	2.000E+01
PSDF DISP	0	22632(3)	1.373406E-02	7.353320E+01	1.000E-01	2.000E+03	0.000E+00	1.000E+00	8.147E-06	2.000E+01	2.000E+01

*** USER WARNING MESSAGE 979, AN XY-OUTPUT REQUEST FOR POINT OR ELEMENT ID 22859
-DISP- CURVE IS BEING PASSED OVER. THE ID COULD NOT BE FOUND IN DATA BLOCK 102

*** USER WARNING MESSAGE 979, AN XY-OUTPUT REQUEST FOR POINT OR ELEMENT ID 22868
-DISP- CURVE IS BEING PASSED OVER. THE ID COULD NOT BE FOUND IN DATA BLOCK 102

*** USER WARNING MESSAGE 979, AN XY-OUTPUT REQUEST FOR POINT OR ELEMENT ID 23609
-DISP- CURVE IS BEING PASSED OVER. THE ID COULD NOT BE FOUND IN DATA BLOCK 102

*** USER WARNING MESSAGE 979, AN XY-OUTPUT REQUEST FOR POINT OR ELEMENT ID 23610
-DISP- CURVE IS BEING PASSED OVER. THE ID COULD NOT BE FOUND IN DATA BLOCK 102

*** USER WARNING MESSAGE 979, AN XY-OUTPUT REQUEST FOR POINT OR ELEMENT ID 23611
-DISP- CURVE IS BEING PASSED OVER. THE ID COULD NOT BE FOUND IN DATA BLOCK 102

*** USER WARNING MESSAGE 979, AN XY-OUTPUT REQUEST FOR POINT OR ELEMENT ID 23612
-DISP- CURVE IS BEING PASSED OVER. THE ID COULD NOT BE FOUND IN DATA BLOCK 102

*** USER WARNING MESSAGE 979, AN XY-OUTPUT REQUEST FOR POINT OR ELEMENT ID 23613
-DISP- CURVE IS BEING PASSED OVER. THE ID COULD NOT BE FOUND IN DATA BLOCK 102

*** USER WARNING MESSAGE 979, AN XY-OUTPUT REQUEST FOR POINT OR ELEMENT ID 23614
-DISP- CURVE IS BEING PASSED OVER. THE ID COULD NOT BE FOUND IN DATA BLOCK 102

*** USER WARNING MESSAGE 979, AN XY-OUTPUT REQUEST FOR POINT OR ELEMENT ID 23615
-DISP- CURVE IS BEING PASSED OVER. THE ID COULD NOT BE FOUND IN DATA BLOCK 102

*** USER WARNING MESSAGE 979, AN XY-OUTPUT REQUEST FOR POINT OR ELEMENT ID 23616
-DISP- CURVE IS BEING PASSED OVER. THE ID COULD NOT BE FOUND IN DATA BLOCK 102

*** USER WARNING MESSAGE 979, AN XY-OUTPUT REQUEST FOR POINT OR ELEMENT ID 23617
-DISP- CURVE IS BEING PASSED OVER. THE ID COULD NOT BE FOUND IN DATA BLOCK 102

*** USER WARNING MESSAGE 979, AN XY-OUTPUT REQUEST FOR POINT OR ELEMENT ID 23618
-DISP- CURVE IS BEING PASSED OVER. THE ID COULD NOT BE FOUND IN DATA BLOCK 102

*** USER WARNING MESSAGE 979, AN XY-OUTPUT REQUEST FOR POINT OR ELEMENT ID 23619
-DISP- CURVE IS BEING PASSED OVER. THE ID COULD NOT BE FOUND IN DATA BLOCK 102

PSDF DISP 0 2752(3) 1.521687E-02 6.143022E+01 1.000E-01 2.000E+03 0.000E+00 1.000E+00 1.000E+00 8.207E-06 2.000E+01

PSDF DISP	0	2743(3)	1.355468E-02	6.807339E+01	1.000E-01	2.000E+00	0.000E+00	1.000E+01	8.087E-06	2.000E+01
PSDF DISP	0	613(3)	1.684469E-02	8.273766E+01	1.000E-01	2.000E+00	0.000E+00	1.000E+01	8.895E-06	1.220E+02
PSDF DISP	0	603(3)	2.208430E-02	1.277289E+02	1.000E-01	2.000E+00	0.000E+00	1.000E+01	2.034E-05	1.220E+02
PSDF DISP	0	2441(3)	1.943956E-02	9.363731E+01	1.000E-01	2.000E+00	0.000E+00	1.000E+01	1.666E-05	1.220E+02
PSDF DISP	0	25803(3)	2.353815E-02	1.058955E+02	1.000E-01	2.000E+00	0.000E+00	1.000E+01	4.674E-05	1.219E+02
PSDF DISP	0	2175(3)	1.249200E-02	6.115298E+01	1.000E-01	2.000E+00	0.000E+00	1.000E+01	7.947E-06	2.000E+01
PSDF DISP	0	2086(3)	1.398103E-02	6.964516E+01	1.000E-01	2.000E+00	0.000E+00	1.000E+01	8.126E-06	2.000E+01
PSDF DISP	0	26116(3)	1.690948E-02	1.469935E+02	1.000E-01	2.000E+00	0.000E+00	1.000E+01	8.144E-06	2.000E+01
PSDF DISP	0	26146(3)	1.573219E-02	5.427507E+01	1.000E-01	2.000E+00	0.000E+00	1.000E+01	8.274E-06	2.000E+01
PSDF DISP	0	26336(3)	1.517786E-02	8.517309E+01	1.000E-01	2.000E+00	0.000E+00	1.000E+01	8.241E-06	2.000E+01
PSDF DISP	0	26417(3)	2.105609E-02	9.977597E+01	1.000E-01	2.000E+00	0.000E+00	1.000E+01	3.315E-05	1.219E+02
PSDF DISP	0	26082(3)	1.666230E-02	1.160351E+02	1.000E-01	2.000E+00	0.000E+00	1.000E+01	1.018E-05	1.660E+02
PSDF DISP	0	24000(3)	1.103684E-02	4.450638E+01	1.000E-01	2.000E+00	0.000E+00	1.000E+01	7.775E-06	2.000E+01
PSDF DISP	0	27155(3)	1.712907E-02	9.089717E+01	1.000E-01	2.000E+00	0.000E+00	1.000E+01	8.341E-06	2.000E+01
PSDF DISP	0	27156(3)	1.496681E-02	8.018568E+01	1.000E-01	2.000E+00	0.000E+00	1.000E+01	8.219E-06	2.000E+01

EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GFMS)

MARCH 2, 1995 MSC/NASTRAN 8/24/94 PAGE 90

Report 10515
1 Apr 96

X AXIS PSD RESPONSE

X Y - O U T P U T S U M M A R Y (A U T C O R P S D F)

PLOT TYPE	CURVE FRAME NO.	RMS VALUE	NC. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XYAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX
PSDF DISP	0	27157(3)	1.302798E-02	7.717201E+01	1.000E-01	2.000E-03	0.000E+00	1.000E+01	8.059E-06
PSDF DISP	0	27158(3)	1.631808E-02	8.310138E+01	1.000E-01	2.000E-03	0.000E+00	1.000E+01	8.303E-06
PSDF DISP	0	27159(3)	1.491600E-02	7.559709E+01	1.000E-01	2.000E-03	0.000E+00	1.000E+01	8.216E-06
PSDF DISP	0	27160(3)	1.430358E-02	7.165854E+01	1.000E-01	2.000E-03	0.000E+00	1.000E+01	8.171E-06
PSDF DISP	0	27161(3)	1.335768E-02	6.398969E+01	1.000E-01	2.000E-03	0.000E+00	1.000E+01	8.092E-06
PSDF DISP	0	27162(3)	1.293583E-02	6.671542E+01	1.000E-01	2.000E-03	0.000E+00	1.000E+01	8.055E-06
PSDF DISP	0	27163(3)	1.517685E-02	7.601857E+01	1.000E-01	2.000E-03	0.000E+00	1.000E+01	8.230E-06
PSDF DISP	0	27164(3)	1.420935E-02	7.084165E+01	1.000E-01	2.000E-03	0.000E+00	1.000E+01	8.157E-06
PSDF DISP	0	27165(3)	1.274406E-02	6.060044E+01	1.000E-01	2.000E-03	0.000E+00	1.000E+01	8.022E-06
PSDF DISP	0	2201(4)	5.817652E-03	1.223679E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	3.683E-06
PSDF DISP	0	2660(4)	5.820109E-03	1.156609E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	2.528E-06
PSDF DISP	0	2648(4)	5.820369E-03	1.156320E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	2.521E-06
PSDF DISP	0	2650(4)	7.332311E-03	1.113172E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	5.618E-06
PSDF DISP	0	2658(4)	7.334603E-03	1.113366E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	5.616E-06
PSDF DISP	0	2441(4)	7.870315E-03	1.258529E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	7.575E-06
PSDF DISP	0	2203(4)	6.081047E-03	1.232275E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	4.272E-06
PSDF DISP	0	2205(4)	5.817383E-03	1.223684E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	3.682E-06
PSDF DISP	0	2206(4)	5.610644E-03	1.213802E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	3.143E-06
PSDF DISP	0	2196(4)	6.084731E-03	1.232357E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	4.279E-06
PSDF DISP	0	1830(4)	1.204699E-02	1.091845E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	1.783E-05
PSDF DISP	0	2197(4)	5.317417E-03	1.223685E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	3.682E-06
PSDF DISP	0	3053(4)	1.471571E-02	1.276897E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	2.100E-05
PSDF DISP	0	1885(4)	1.025196E-02	1.115648E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	1.133E-05
PSDF DISP	0	1886(4)	1.037790E-02	1.113417E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	1.177E-05

X AXIS PSD RESPONSE

X Y - C O U T F U T S U M M A R Y (A T T C O R P S D F)										
PLOT TYPE	CURVE FRAME TYPE NC.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX
PSDF DISP	0	1887(4)	1.153663E-02	1.095638E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.588E-05	1.056E+02
PSDF DISP	0	1889(4)	1.167694E-02	1.094454E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.640E-05	1.056E+02
PSDF DISP	0	3037(4)	1.194469E-02	1.093202E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.731E-05	1.056E+02
PSDF DISP	0	3038(4)	1.191019E-02	1.093126E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.722E-05	1.056E+02
PSDF DISP	0	3039(4)	1.181915E-02	1.092749E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.698E-05	1.056E+02
PSDF DISP	0	3040(4)	1.172229E-02	1.092375E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.673E-05	1.056E+02
PSDF DISP	0	3041(4)	1.168127E-02	1.092146E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.562E-05	1.056E+02
PSDF DISP	0	3042(4)	1.171989E-02	1.092224E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.673E-05	1.056E+02
PSDF DISP	0	3043(4)	1.181749E-02	1.092629E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.599E-05	1.056E+02
PSDF DISP	0	3044(4)	1.190800E-02	1.092996E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.722E-05	1.056E+02
PSDF DISP	0	2097(4)	5.224598E-03	1.241566E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.315E-06	1.220E+02
PSDF DISP	0	2098(4)	5.215402E-03	1.241043E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.300E-06	1.220E+02
PSDF DISP	0	21086(4)	5.090458E-03	1.356155E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.751E-06	1.220E+02
PSDF DISP	0	21126(4)	8.646119E-03	1.606165E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.004E-06	1.220E+02
PSDF DISP	0	21139(4)	7.465606E-03	1.574088E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.200E-06	1.220E+02
PSDF DISP	0	21150(4)	6.493749E-03	1.533061E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.574E-06	1.220E+02
PSDF DISP	0	21159(4)	5.777138E-03	1.510522E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.095E-06	1.220E+02
PSDF DISP	0	21160(4)	5.489407E-03	1.524350E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.788E-06	1.220E+02
PSDF DISP	0	21161(4)	5.559120E-03	1.502526E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.618E-06	1.220E+02
PSDF DISP	0	21094(4)	6.736304E-03	1.460331E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.720E-06	1.220E+02
PSDF DISP	0	21190(4)	8.643495E-03	1.556767E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.961E-06	1.220E+02
PSDF DISP	0	21198(4)	9.640089E-03	1.600400E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	5.267E-06	1.220E+02
PSDF DISP	0	21206(4)	9.658762E-03	1.610821E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	5.063E-06	1.220E+02
PSDF DISP	0	21214(4)	8.845677E-03	1.597733E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.341E-06	1.220E+02

X AXIS PSD RESPONSE

X Y - C U T P U T S U M M A R Y (A U T O R P S D F)

PLOT TYPE	CURVE FRAME NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX
PSDF DISP	0	21227(4)	7.654285E-03	1.567434E+02	1.000E-01	2.000E+03	0.000E-00	1.000E+01	3.469E-06	1.220E+02
PSDF DISP	0	21238(4)	6.666710E-03	1.535829E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.783E-06	1.220E+02
PSDF DISP	0	21249(4)	5.700259E-03	1.606825E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.732E-06	1.220E+02
PSDF DISP	0	21085(4)	4.799990E-03	1.395209E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	2.364E-06	1.220E+02
PSDF DISP	0	21093(4)	6.147447E-03	1.480033E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	3.018E-06	1.220E+02
PSDF DISP	0	21101(4)	7.413495E-03	1.565748E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.545E-06	1.220E+02
PSDF DISP	0	21109(4)	8.163966E-03	1.608743E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.762E-06	1.220E+02
PSDF DISP	0	21117(4)	8.143664E-03	1.619711E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.535E-06	1.220E+02
PSDF DISP	0	21149(4)	6.090163E-03	1.547298E+02	1.000E-01	2.000E+03	0.000E-00	1.000E+01	2.169E-06	1.220E+02
PSDF DISP	0	21158(4)	5.581874E-03	1.523756E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.830E-06	1.220E+02
PSDF DISP	0	21165(4)	5.359917E-03	1.538733E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.592E-06	1.220E+02
PSDF DISP	0	21166(4)	5.477702E-03	1.626332E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.454E-06	1.219E+02
PSDF DISP	0	21173(4)	4.873399E-03	1.439327E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	2.428E-06	1.220E+02
PSDF DISP	0	21181(4)	6.275110E-03	1.484551E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	3.181E-06	1.220E+02
PSDF DISP	0	21205(4)	9.353681E-03	1.607850E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	3.897E-06	1.220E+02
PSDF DISP	0	21213(4)	7.877369E-03	1.597189E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.482E-06	1.220E+02
PSDF DISP	0	21226(4)	7.045143E-03	1.570220E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.897E-06	1.220E+02
PSDF DISP	0	21237(4)	5.278417E-03	1.535780E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.390E-06	1.220E+02
PSDF DISP	0	21246(4)	5.751388E-03	1.517159E+02	1.000E-01	2.000E+03	0.000E-00	1.000E+01	2.004E-06	1.220E+02
PSDF DISP	0	21253(4)	5.515865E-03	1.535893E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.736E-06	1.220E+02
PSDF DISP	0	21113(4)	9.454600E-03	1.619591E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.586E-06	1.220E+02
PSDF DISP	0	21174(4)	5.146959E-03	1.375163E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.903E-06	1.220E+02
PSDF DISP	0	21182(4)	6.858781E-03	1.465936E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.878E-06	1.220E+02
PSDF DISP	0	21102(4)	8.474898E-03	1.560195E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.585E-06	1.220E+02

X AXIS PSD RESPONSE

XY-OUTPUT SUMMARY (AUTO OR PSD F)

PLOT TYPE	CURVE FRAME NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	YMAX FOR ALL DATA	X FOR YMIN	X FOR YMAX
PSDF DISP	0	21110(4)	9.444073E-03	1.609084E+02	1.000E+01	2.000E-03	0.000E+00	1.000E+01	4.907E-06	1.220E+02
PSDF DISP	0	21247(4)	5.930504E-03	1.511209E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	2.254E-06	1.220E+02
PSDF DISP	0	21248(4)	5.630773E-03	1.524215E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	1.919E-06	1.220E+02
PSDF DISP	0	21125(4)	7.664408E-03	1.609146E+02	1.000E+01	2.000E-03	0.000E+00	1.000E+01	3.147E-06	1.220E+02
PSDF DISP	0	21138(4)	6.840727E-03	1.581997E+02	1.000E+01	2.000E-03	0.000E+00	1.000E+01	2.618E-06	1.220E+02
PSDF DISP	0	21189(4)	7.590489E-03	1.559450E+02	1.000E+01	2.000E-03	0.000E+00	1.000E+01	3.810E-06	1.220E+02
PSDF DISP	0	21197(4)	8.368638E-03	1.598044E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	4.104E-06	1.220E+02
PSDF DISP	0	21254(4)	5.634592E-03	1.636222E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	1.582E-06	1.220E+02
PSDF DISP	0	2204(4)	6.077787E-03	1.232295E+02	1.000E+01	2.000E-03	0.000E+00	1.000E+01	4.265E-06	1.220E+02
PSDF DISP	0	2202(4)	5.607944E-03	1.213700E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	3.138E-06	1.220E+02
PSDF DISP	0	22644(4)	4.905944E-03	1.374129E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	2.598E-06	1.220E+02
PSDF DISP	0	22632(4)	2.587201E-03	1.295534E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	8.219E-07	1.220E+02

*** USER WARNING MESSAGE 979, AN XY-OUTPUT REQUEST FOR POINT OR ELEMENT ID 22859
-DISP- CURVE IS BEING PASSED OVER. THE ID COULD NOT BE FOUND IN DATA BLOCK 102

*** USER WARNING MESSAGE 979, AN XY-OUTPUT REQUEST FOR POINT OR ELEMENT ID 22868
-DISP- CURVE IS BEING PASSED OVER. THE ID COULD NOT BE FOUND IN DATA BLOCK 102

*** USER WARNING MESSAGE 979, AN XY-OUTPUT REQUEST FOR POINT OR ELEMENT ID 23609
-DISP- CURVE IS BEING PASSED OVER. THE ID COULD NOT BE FOUND IN DATA BLOCK 102

*** USER WARNING MESSAGE 979, AN XY-OUTPUT REQUEST FOR POINT OR ELEMENT ID 23610
-DISP- CURVE IS BEING PASSED OVER. THE ID COULD NOT BE FOUND IN DATA BLOCK 102

*** USER WARNING MESSAGE 979, AN XY-OUTPUT REQUEST FOR POINT OR ELEMENT ID 23611
-DISP- CURVE IS BEING PASSED OVER. THE ID COULD NOT BE FOUND IN DATA BLOCK 102

*** USER WARNING MESSAGE 979, AN XY-OUTPUT REQUEST FOR POINT OR ELEMENT ID 23612
-DISP- CURVE IS BEING PASSED OVER. THE ID COULD NOT BE FOUND IN DATA BLOCK 102

*** USER WARNING MESSAGE 979, AN XY-OUTPUT REQUEST FOR POINT OR ELEMENT ID 23613
-DISP- CURVE IS BEING PASSED OVER. THE ID COULD NOT BE FOUND IN DATA BLOCK 102

*** USER WARNING MESSAGE 979, AN XY-OUTPUT REQUEST FOR POINT OR ELEMENT ID 23614
-DISP- CURVE IS BEING PASSED OVER. THE ID COULD NOT BE FOUND IN DATA BLOCK 102

*** USER WARNING MESSAGE 979, AN XY-OUTPUT REQUEST FOR POINT OR ELEMENT ID 23615
-DISP- CURVE IS BEING PASSED OVER. THE ID COULD NOT BE FOUND IN DATA BLOCK 102

*** USER WARNING MESSAGE 979, AN XY-OUTPUT REQUEST FOR POINT OR ELEMENT ID 23616
-DISP- CURVE IS BEING PASSED OVER. THE ID COULD NOT BE FOUND IN DATA BLOCK 102

*** USER WARNING MESSAGE 979, AN XY-OUTPUT REQUEST FOR POINT OR ELEMENT ID 23617
-DISP- CURVE IS BEING PASSED OVER. THE ID COULD NOT BE FOUND IN DATA BLOCK 102

*** USER WARNING MESSAGE 979, AN XY-OUTPUT REQUEST FOR POINT OR ELEMENT ID 23618
-DISP- CURVE IS BEING PASSED OVER. THE ID COULD NOT BE FOUND IN DATA BLOCK 102

*** USER WARNING MESSAGE 979, AN XY-OUTPUT REQUEST FOR POINT OR ELEMENT ID 23619
-DISP- CURVE IS BEING PASSED OVER. THE ID COULD NOT BE FOUND IN DATA BLOCK 102

PSDF DISP	0	2752(4)	7.491593E-03	1.266187E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	5.281E-05	1.056E+02
PSDF DISP	0	2753(4)	8.048085E-03	1.405547E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	5.338E-05	1.056E+02
PSDF DISP	0	2748(4)	5.635665E-03	1.205257E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	3.175E-06	1.219E+02
PSDF DISP	0	618(4)	6.264325E-03	1.227102E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	4.590E-06	1.220E+02
PSDF DISP	0	603(4)	7.542159E-03	1.252598E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	6.927E-06	1.220E+02
PSDF DISP	0	2441(4)	7.870315E-03	1.258529E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	7.575E-06	1.220E+02
PSDF DISP	0	25803(4)	1.378569E-02	1.255639E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	1.998E-05	1.219E+02
PSDF DISP	0	2175(4)	3.992303E-03	1.091609E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	9.837E-06	1.056E+02
PSDF DISP	0	2096(4)	7.397408E-03	1.241831E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	6.674E-06	1.220E+02
PSDF DISP	0	26115(4)	1.421503E-02	1.277463E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	4.415E-05	1.220E+02
PSDF DISP	0	26146(4)	1.028275E-02	1.224974E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	2.045E-05	1.227E+02
PSDF DISP	0	26336(4)	9.996293E-03	1.352463E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	1.703E-05	1.227E+02

X AXIS PSD RESPONSE

X Y - O U T P U T S U M M A R Y (A U T O R P S D F)

PLOT TYPE	CURVE FRAME NO.	CURVE ID.	RMS VALUE	NC. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX
PSDF DISP	0	26417(4)	1.130055E-02	1.283811E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.051E-05	1.219E+02
PSDF DISP	0	26082(4)	1.028119E-02	1.204822E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.034E-05	1.227E+02
PSDF DISP	0	24000(4)	1.941221E-10	3.630568E+01	1.000E-01	2.000E+03	0.000E+00	1.000E+01	9.266E-21	2.000E+01
PSDF DISP	0	27155(4)	4.598987E-03	1.244171E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.574E-06	1.220E+02
PSDF DISP	0	27156(4)	4.585539E-03	1.244556E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.558E-06	1.220E+02
PSDF DISP	0	27157(4)	4.627983E-03	1.244462E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.608E-06	1.220E+02
PSDF DISP	0	27153(4)	4.972641E-03	1.241602E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.000E-06	1.220E+02
PSDF DISP	0	27159(4)	5.094994E-03	1.241721E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.151E-06	1.220E+02
PSDF DISP	0	27160(4)	5.035215E-03	1.242216E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.080E-06	1.220E+02
PSDF DISP	0	27161(4)	5.107813E-03	1.242069E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.170E-06	1.220E+02
PSDF DISP	0	27162(4)	5.054166E-03	1.242390E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.105E-06	1.220E+02
PSDF DISP	0	27163(4)	5.623278E-03	1.240401E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.834E-06	1.220E+02
PSDF DISP	0	27164(4)	5.625173E-03	1.240879E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.842E-06	1.220E+02
PSDF DISP	0	27165(4)	5.641062E-03	1.241209E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.867E-06	1.220E+02
PSDF DISP	0	2201(5)	1.064237E-03	2.365714E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	5.263E-08	1.220E+02
PSDF DISP	0	2660(5)	2.030278E-03	1.583853E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.742E-07	1.220E+02
PSDF DISP	0	2648(5)	6.032559E-04	2.763807E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.595E-08	1.220E+02
PSDF DISP	0	2650(5)	8.208366E-04	2.473867E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	6.314E-08	1.220E+02
PSDF DISP	0	2653(5)	1.187694E-03	1.941760E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	8.817E-08	1.219E+02
PSDF DISP	0	2441(5)	2.974967E-03	1.256763E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.107E-06	1.220E+02
PSDF DISP	0	2200(5)	6.299166E-04	2.787206E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.718E-09	2.860E+02
PSDF DISP	0	2205(5)	1.368677E-03	1.673896E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.004E-07	1.220E+02
PSDF DISP	0	2206(5)	1.723834E-03	1.426782E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.418E-07	1.220E+02
PSDF DISP	0	2196(5)	8.009390E-04	2.645137E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.313E-08	1.220E+02

EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)

MAECH 2, 1996 MSC/NASTRAN 8/24/94 PAGE 95

X AXIS PSD RESPONSE

XY-OUTPUT SUMMARY (AUTO OR PSD F)

PLOT TYPE	CURVE FRAME NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX
PSDF DISP	0	1890 (5)	2.229147E-03	1.464960E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	5.577E-07	1.220E+02
PSDF DISP	0	2197 (5)	7.539172E-04	2.733589E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	1.836E-08	1.049E+02
PSDF DISP	0	3053 (5)	2.652656E-03	2.173615E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	4.409E-07	1.220E+02
PSDF DISP	0	1895 (5)	2.261064E-03	1.642295E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	5.298E-07	1.220E+02
PSDF DISP	0	1866 (5)	1.930100E-03	1.733875E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.750E-07	1.220E+02
PSDF DISP	0	1887 (5)	1.015715E-03	2.663760E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	9.457E-08	1.220E+02
PSDF DISP	0	1888 (5)	1.286704E-03	1.752372E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.700E-07	1.220E+02
PSDF DISP	0	3037 (5)	1.724705E-03	1.518102E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	3.270E-07	1.220E+02
PSDF DISP	0	3033 (5)	1.753014E-03	1.509669E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.473E-07	1.220E+02
PSDF DISP	0	3039 (5)	1.769270E-03	1.506098E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	3.578E-07	1.220E+02
PSDF DISP	0	3040 (5)	1.752233E-03	1.511485E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	3.476E-07	1.220E+02
PSDF DISP	0	3041 (5)	1.717348E-03	1.524428E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	3.238E-07	1.220E+02
PSDF DISP	0	3042 (5)	1.689307E-03	1.531873E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.021E-07	1.220E+02
PSDF DISP	0	3043 (5)	1.682540E-03	1.533078E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.955E-07	1.220E+02
PSDF DISP	0	3044 (5)	1.694156E-03	1.527362E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.051E-07	1.220E+02
PSDF DISP	0	2097 (5)	1.084243E-03	1.293553E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.415E-07	1.220E+02
PSDF DISP	0	2098 (5)	6.375388E-04	1.355054E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.500E-08	1.220E+02
PSDF DISP	0	21085 (5)	2.427383E-03	1.458718E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.207E-07	1.480E+02
PSDF DISP	0	21126 (5)	1.258022E-03	1.850379E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	8.559E-08	1.430E+02
PSDF DISP	0	21139 (5)	1.131757E-03	2.095863E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	5.901E-08	1.480E+02
PSDF DISP	0	21150 (5)	1.014074E-03	2.376556E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	4.779E-08	1.220E+02
PSDF DISP	0	21159 (5)	9.615461E-04	2.605031E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	5.295E-08	1.220E+02
PSDF DISP	0	21160 (5)	9.914131E-04	2.692562E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	5.854E-08	1.220E+02
PSDF DISP	0	21161 (5)	1.106425E-03	2.653528E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	6.502E-08	1.220E+02

X AXIS PSD RESPONSE

X Y - O U T P U T S U M M A R Y (A U T O O R P S D F)

PLOT TYPE	CURVE FRAME NO.	CURVE ID.	RMS VALUE	NC. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX
PSDF DISP	0	21034(5)	2.196766E-03	1.470880E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.660E-07	1.480E+02
PSDF DISP	0	21190(5)	2.070114E-03	1.496664E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.418E-07	1.480E+02
PSDF DISP	0	21193(5)	1.830115E-03	1.563067E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.887E-07	1.480E+02
PSDF DISP	0	21206(5)	1.607640E-03	1.664304E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.430E-07	1.480E+02
PSDF DISP	0	21214(5)	1.402158E-03	1.814798E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.028E-07	1.480E+02
PSDF DISP	0	21227(5)	1.229987E-03	2.012542E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.954E-05	1.480E+02
PSDF DISP	0	21238(5)	1.103590E-03	2.233537E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.811E-03	1.220E+02
PSDF DISP	0	21249(5)	1.163238E-03	2.437731E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.352E-03	1.220E+02
PSDF DISP	0	21085(5)	2.436730E-03	1.455715E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.215E-07	1.480E+02
PSDF DISP	0	21093(5)	2.187920E-03	1.469639E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.636E-07	1.480E+02
PSDF DISP	0	21101(5)	1.950101E-03	1.503345E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.122E-07	1.480E+02
PSDF DISP	0	21109(5)	1.717044E-03	1.566665E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.656E-07	1.480E+02
PSDF DISP	0	21117(5)	1.482556E-03	1.685592E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.219E-07	1.480E+02
PSDF DISP	0	21149(5)	1.009355E-03	2.389365E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.762E-03	1.220E+02
PSDF DISP	0	21153(5)	9.634630E-04	2.622701E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.299E-08	1.220E+02
PSDF DISP	0	21165(5)	1.000566E-03	2.720018E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.899E-08	1.220E+02
PSDF DISP	0	21166(5)	1.121317E-03	2.693641E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.622E-08	1.220E+02
PSDF DISP	0	21173(5)	2.542256E-03	1.434883E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.581E-07	1.480E+02
PSDF DISP	0	21191(5)	2.293508E-03	1.458348E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.947E-07	1.480E+02
PSDF DISP	0	21205(5)	1.588593E-03	1.672645E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.392E-07	1.480E+02
PSDF DISP	0	21213(5)	1.393730E-03	1.819745E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.009E-07	1.480E+02
PSDF DISP	0	21226(5)	1.224233E-03	2.013286E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.790E-08	1.480E+02
PSDF DISP	0	21237(5)	1.102892E-03	2.237183E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.903E-08	1.220E+02
PSDF DISP	0	21246(5)	1.045005E-03	2.420251E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.667E-08	1.220E+02

X AXIS PSD RESPONSE

XY-OUTPUT SUMMARY (AUTO OR PSDF)

PLOT TYPE	CURVE FRAME TYPE	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	MIN FOR ALL DATA	MAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX	
PSDF	DISP	0	21253(5)	1.067829E-03	2.494608E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.511E-08	1.220E+02
PSDF	DISP	0	21118(5)	1.500102E-03	1.673425E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.246E-07	1.480E+02
PSDF	DISP	0	21174(5)	2.536009E-03	1.437218E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.581E-07	1.480E+02
PSDF	DISP	0	21182(5)	2.300581E-03	1.459142E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.970E-07	1.480E+02
PSDF	DISP	0	21102(5)	1.961870E-03	1.501277E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.144E-07	1.480E+02
PSDF	DISP	0	21110(5)	1.721172E-03	1.564555E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.660E-07	1.480E+02
PSDF	DISP	0	21247(5)	1.039840E-03	2.414608E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.562E-08	1.220E+02
PSDF	DISP	0	21243(5)	1.058134E-03	2.482234E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.394E-08	1.220E+02
PSDF	DISP	0	21125(5)	1.288453E-03	1.859933E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.736E-08	1.480E+02
PSDF	DISP	0	21138(5)	1.122856E-03	2.108624E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.784E-08	1.490E+02
PSDF	DISP	0	21189(5)	2.056578E-03	1.497970E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.387E-07	1.480E+02
PSDF	DISP	0	21197(5)	1.823481E-03	1.563423E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.874E-07	1.490E+02
PSDF	DISP	0	21254(5)	1.175935E-03	2.458550E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.529E-08	1.220E+02
PSDF	DISP	0	2204(5)	9.719859E-04	1.992478E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.316E-08	1.220E+02
PSDF	DISP	0	2202(5)	1.231029E-03	1.773734E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.261E-07	1.220E+02
PSDF	DISP	0	22644(5)	2.883186E-03	1.450003E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.742E-07	1.480E+02
PSDF	DISP	0	22632(5)	2.925916E-03	1.435900E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.972E-07	1.049E+02

*** USER WARNING MESSAGE 979, AN XY-OUTPUT REQUEST FOR POINT OR ELEMENT ID 22859
-DISP- CURVE IS BEING PASSED OVER. THE ID COULD NOT BE FOUND IN DATA BLOCK 102

*** USER WARNING MESSAGE 979, AN XY-OUTPUT REQUEST FOR POINT OR ELEMENT ID 22868
-DISP- CURVE IS BEING PASSED OVER. THE ID COULD NOT BE FOUND IN DATA BLOCK 102

*** USER WARNING MESSAGE 979, AN XY-OUTPUT REQUEST FOR POINT OR ELEMENT ID 23609
-DISP- CURVE IS BEING PASSED OVER. THE ID COULD NOT BE FOUND IN DATA BLOCK 102

*** USER WARNING MESSAGE 979, AN XY-OUTPUT REQUEST FOR POINT OR ELEMENT ID 23610
-DISP- CURVE IS BEING PASSED OVER. THE ID COULD NOT BE FOUND IN DATA BLOCK 102

*** USER WARNING MESSAGE 979, AN XY-OUTPUT REQUEST FOR POINT OR ELEMENT ID 23611
-DISP- CURVE IS BEING PASSED OVER. THE ID COULD NOT BE FOUND IN DATA BLOCK 102

*** USER WARNING MESSAGE 979, AN XY-OUTPUT REQUEST FOR POINT OR ELEMENT ID 23612
-DISP- CURVE IS BEING PASSED OVER. THE ID COULD NOT BE FOUND IN DATA BLOCK 102

*** USER WARNING MESSAGE 979, AN XY-OUTPUT REQUEST FOR POINT OR ELEMENT ID 23613
-DISP- CURVE IS BEING PASSED OVER. THE ID COULD NOT BE FOUND IN DATA BLOCK 102

```

-DISP- CURVE IS BEING PASSED OVER. THE ID COULD NOT BE FOUND IN DATA BLOCK 102

*** USER WARNING MESSAGE 979, AN XY-OUTPUT REQUEST FOR POINT OR ELEMENT ID 23615
-DISP- CURVE IS BEING PASSED OVER. THE ID COULD NOT BE FOUND IN DATA BLOCK 102

*** USER WARNING MESSAGE 979, AN XY-OUTPUT REQUEST FOR POINT OR ELEMENT ID 23616
-DISP- CURVE IS BEING PASSED OVER. THE ID COULD NOT BE FOUND IN DATA BLOCK 102

*** USER WARNING MESSAGE 979, AN XY-OUTPUT REQUEST FOR POINT OR ELEMENT ID 23617
-DISP- CURVE IS BEING PASSED OVER. THE ID COULD NOT BE FOUND IN DATA BLOCK 102

*** USER WARNING MESSAGE 979, AN XY-OUTPUT REQUEST FOR POINT OR ELEMENT ID 23618
-DISP- CURVE IS BEING PASSED OVER. THE ID COULD NOT BE FOUND IN DATA BLOCK 102

*** USER WARNING MESSAGE 979, AN XY-OUTPUT REQUEST FOR POINT OR ELEMENT ID 23619
-DISP- CURVE IS BEING PASSED OVER. THE ID COULD NOT BE FOUND IN DATA BLOCK 102

PSDF DISP 0 2752( 5) 6.673014E-04 2.523096E+02 1.000E-01 2.000E+03 0.000E+00 1.000E+01 3.974E-08 1.220E+02

PSDF DISP 0 2753( 5) 1.500809E-03 2.029753E+02 1.000E-01 2.000E+03 0.000E+00 1.000E+01 1.619E-07 1.219E+02

PSDF DISP 0 2748( 5) 1.636897E-03 1.265487E+02 1.000E+01 2.000E+03 0.000E-00 1.000E+01 3.336E-07 1.220E+02

PSDF DISP 0 618( 5) 1.677678E-03 1.249022E+02 1.000E+01 2.000E+03 0.000E+00 1.000E+01 3.517E-07 1.220E+02

PSDF DISP 0 603( 5) 2.447149E-03 1.251596E+02 1.000E+01 2.000E+03 0.000E+00 1.000E+01 7.521E-07 1.220E+02

PSDF DISP 0 2441( 5) 2.974967E-03 1.256783E+02 1.000E+01 2.000E+03 0.000E+00 1.000E+01 1.107E-06 1.220E+02

PSDF DISP 0 25803( 5) 2.081317E-02 1.293346E+02 1.000E+01 2.000E+03 0.000E+00 1.000E+01 6.643E-05 1.219E+02

```

EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)

Report 10515
1 Apr 96

X AXIS PSD RESPONSE

MARCH 2, 1995 MSC/NASTRAN 8/24/94 PAGE 98

XY-OUTPUT SUMMARY (AUTOCORRPSDF)

FLUT TYPE	CURVE FRAME TYPE NO.	RMS VALUE	NO. POSITIVE CROSSINGS	MIN FOR ALL DATA	MAX FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX
PSDF DISP	0 2175(5)	1.137401E-03	1.487066E+02	1.000E-01	2.000E-03	0.000E+00	1.450E-07	1.049E+02
PSDF DISP	0 2086(5)	1.684447E-03	1.290820E+02	1.000E-01	2.000E-03	0.000E+00	3.488E-07	1.220E+02
PSDF DISP	0 2611(5)	1.493607E-02	1.373009E+02	1.000E-01	2.000E-03	0.000E+00	1.930E-05	1.220E+02
PSDF DISP	0 2614(5)	9.258797E-03	1.261083E+02	1.000E-01	2.000E-03	0.000E+00	1.626E-05	1.220E+02
PSDF DISP	0 2633(5)	1.493829E-02	1.373216E+02	1.000E-01	2.000E-03	0.000E+00	1.930E-05	1.220E+02
PSDF DISP	0 2641(5)	1.764871E-02	1.334900E+02	1.000E-01	2.000E-03	0.000E+00	3.712E-05	1.219E+02
PSDF DISP	0 2608(5)	1.109609E-02	1.241923E+02	1.000E-01	2.000E-03	0.000E+00	2.552E-05	1.219E+02
PSDF DISP	0 2400(5)	3.559285E-10	3.495059E+01	1.000E-01	2.000E-03	0.000E+00	3.289E-20	2.000E+01
PSDF DISP	0 2715(5)	4.522486E-04	1.424462E+02	1.000E-01	2.000E-03	0.000E+00	2.007E-08	1.220E+02
PSDF DISP	0 2715(5)	9.364532E-04	1.312224E+02	1.000E-01	2.000E-03	0.000E+00	8.274E-08	1.220E+02
PSDF DISP	0 2715(5)	1.380255E-03	1.271719E+02	1.000E-01	2.000E-03	0.000E+00	2.339E-07	1.220E+02
PSDF DISP	0 2715(5)	4.368837E-04	1.433531E+02	1.000E-01	2.000E-03	0.000E+00	1.846E-08	1.220E+02
PSDF DISP	0 2715(5)	7.478460E-04	1.332210E+02	1.000E-01	2.000E-03	0.000E+00	6.437E-08	1.220E+02
PSDF DISP	0 2716(5)	9.540403E-04	1.304162E+02	1.000E-01	2.000E-03	0.000E+00	1.086E-07	1.220E+02
PSDF DISP	0 2716(5)	1.177947E-03	1.286352E+02	1.000E-01	2.000E-03	0.000E+00	1.682E-07	1.220E+02
PSDF DISP	0 2716(5)	1.458663E-03	1.273428E+02	1.000E-01	2.000E-03	0.000E+00	2.535E-07	1.220E+02
PSDF DISP	0 2716(5)	4.671323E-04	1.419013E+02	1.000E-01	2.000E-03	0.000E+00	2.062E-08	1.220E+02
PSDF DISP	0 2716(5)	9.698453E-04	1.317324E+02	1.000E-01	2.000E-03	0.000E+00	8.847E-08	1.220E+02
PSDF DISP	0 2715(5)	1.523177E-03	1.275301E+02	1.000E-01	2.000E-03	0.000E+00	2.834E-07	1.220E+02
PSDF EL STR	0 2150(3)	1.186838E+02	4.766190E+02	1.000E+01	2.000E-03	0.000E+00	1.837E+02	2.980E+02
PSDF EL STR	0 2150(5)	1.232011E+02	3.328684E+02	1.000E+01	2.000E-03	0.000E+00	2.747E+02	2.980E+02
PSDF EL STR	0 2150(7)	2.435390E+02	2.917619E+02	1.000E+01	2.000E+03	0.000E-00	1.107E+03	2.980E+02
PSDF EL STR	0 2151(3)	2.243543E+02	3.160482E+02	1.000E-01	2.000E+03	0.000E+00	9.155E+02	2.980E+02
PSDF EL STR	0 2151(5)	1.579747E+02	3.553109E+02	1.000E-01	2.000E-03	0.000E+00	2.738E+02	1.049E+02

X AXIS PSD RESPONSE

X Y - O U T P U T S U M M A R Y (A T T C O R P S D F)

PLOT TYPE	CURVE FRAME TYPE NO.	CURVE ID.	RMS VALUE	NC. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX	
PSDF	EL STR	0	2151(7)	1.183279E+02	3.216439E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	8.437E+02	1.049E+02
PSDF	EL STR	0	2152(3)	1.215316E+02	3.883416E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.574E+02	1.049E+02
PSDF	EL STR	0	2152(5)	1.164890E+02	3.651006E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.676E+02	1.049E+02
PSDF	EL STR	0	2152(7)	1.691569E+02	2.649638E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.109E+03	1.049E+02
PSDF	EL STR	0	2153(3)	6.729143E+01	4.305855E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	5.582E+01	3.240E+02
PSDF	EL STR	0	2153(5)	5.734211E+01	4.201346E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.364E+01	2.860E+02
PSDF	EL STR	0	2153(7)	1.957569E+02	2.791054E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	8.174E+02	1.049E+02
PSDF	EL STR	0	2154(3)	2.107525E+02	3.733284E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.527E+03	1.049E+02
PSDF	EL STR	0	2154(5)	1.623501E+02	1.750444E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.018E+03	1.049E+02
PSDF	EL STR	0	2154(7)	1.375560E+02	3.272448E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	6.534E+02	1.049E+02
PSDF	EL STR	0	2155(3)	4.244888E+02	2.993266E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.650E+03	2.860E+02
PSDF	EL STR	0	2155(5)	2.171412E+02	3.17146E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.054E+03	1.220E+02
PSDF	EL STR	0	2155(7)	1.237030E+02	3.442997E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.664E+02	2.860E+02
PSDF	EL STR	0	2156(3)	4.193720E+02	3.192057E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.693E+03	2.860E+02
PSDF	EL STR	0	2156(5)	1.867609E+02	3.537400E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	5.483E+02	2.980E+02
PSDF	EL STR	0	2156(7)	1.229480E+02	4.071512E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.238E+02	1.049E+02
PSDF	EL STR	0	2157(3)	2.214887E+02	5.671788E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.406E+02	1.220E+02
PSDF	EL STR	0	2157(5)	1.463810E+02	2.083841E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.666E+03	1.220E+02
PSDF	EL STR	0	2157(7)	1.722699E+02	3.392242E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.749E+02	1.049E+02
PSDF	EL STR	0	2158(3)	1.666971E+02	3.283445E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.049E+03	1.049E+02
PSDF	EL STR	0	2158(5)	1.518305E+02	2.169213E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.880E+03	1.049E+02
PSDF	EL STR	0	2158(7)	9.736535E+01	3.998148E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.790E+02	1.056E+02
PSDF	EL STR	0	2159(3)	3.320545E+02	3.595243E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.687E+03	2.860E+02
PSDF	EL STR	0	2159(5)	2.564101E+02	3.844624E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	8.040E+02	4.080E+02

X AXIS PSD RESPONSE

XY-OUTPUT SUMMARY (AUTOCORRPSDF)

PLOT TYPE	CURVE FRAME NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMN FOR ALL DATA	YMN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX
PSDF EL STR	0	2159(7)	1.111801E+02	3.270789E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	3.965E+02
PSDF EL STR	0	2160(3)	4.979680E+02	3.444803E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	5.718E+03
PSDF EL STR	0	2160(5)	2.506031E+02	3.529058E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	9.903E+02
PSDF EL STR	0	2160(7)	1.055368E+02	3.470547E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	2.223E+02
PSDF EL STR	0	2161(3)	2.954388E+02	5.382115E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	1.751E+03
PSDF EL STR	0	2161(5)	1.143159E+02	2.463405E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	7.621E+02
PSDF EL STR	0	2161(7)	1.539617E+02	3.657521E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	4.003E+02
PSDF EL STR	0	2162(3)	7.701400E+01	4.840361E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	9.562E+01
PSDF EL STR	0	2162(5)	7.491512E+01	5.180803E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	1.234E+02
PSDF EL STR	0	2162(7)	1.609276E+02	3.671251E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	5.882E+02
PSDF EL STR	0	2163(3)	1.851027E+02	3.838117E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	1.495E+03
PSDF EL STR	0	2163(5)	1.880653E+02	3.329016E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	2.007E+03
PSDF EL STR	0	2163(7)	1.112743E+02	4.194905E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	7.579E+02
PSDF EL STR	0	2164(3)	2.030422E+02	4.279853E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	1.154E+03
PSDF EL STR	0	2164(5)	1.743694E+02	2.859943E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	1.357E+03
PSDF EL STR	0	2164(7)	1.247786E+02	4.646447E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	2.147E+02
PSDF EL STR	0	2165(3)	1.212259E+02	5.262155E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	2.107E+02
PSDF EL STR	0	2165(5)	8.268100E+01	4.141842E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	2.591E+02
PSDF EL STR	0	2165(7)	2.524327E+02	3.243275E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	1.185E+03
PSDF EL STR	0	2616(3)	1.284956E+02	2.532635E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	1.127E+03
PSDF EL STR	0	2616(5)	8.430642E+01	3.553827E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	6.038E+02
PSDF EL STR	0	2616(7)	1.750521E+02	1.385934E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	3.888E+03
PSDF EL STR	0	2617(3)	1.732943E+02	1.781016E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	3.596E+03
PSDF EL STR	0	2617(5)	2.294624E+02	1.366153E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	7.003E+03

X AXIS PSD RESPONSE

X Y - O U T P U T S U M M A R Y (A U T C O R P S D F)

PLOT TYPE	CURVE FRAME NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX
PSDF EL STR	0	2617(7)	9.645467E+01	1.332933E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	1.158E+03	1.056E+02
PSDF EL STR	0	2618(3)	1.068455E+02	2.132674E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	1.359E+03	1.049E+02
PSDF EL STR	0	2618(5)	2.651400E+02	1.501808E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	7.694E+03	1.049E+02
PSDF EL STR	0	2618(7)	9.300323E+01	1.945898E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	5.540E+02	1.220E+02
PSDF EL STR	0	2619(3)	1.500049E+02	1.644903E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	2.724E+03	1.056E+02
PSDF EL STR	0	2619(5)	1.487589E+02	2.467569E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	2.318E+03	1.049E+02
PSDF EL STR	0	2619(7)	1.607277E+02	1.795338E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	2.132E+03	1.049E+02
PSDF EL STR	0	2621(3)	2.115667E+02	3.582823E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	2.819E+03	1.049E+02
PSDF EL STR	0	2621(5)	3.221093E+02	4.289985E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	2.505E+03	4.760E+02
PSDF EL STR	0	2621(7)	1.997827E+02	1.509104E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	5.003E+03	1.049E+02
PSDF EL STR	0	2622(3)	1.056815E+02	3.951795E+02	1.000E+01	2.000E-03	0.000E+00	1.000E+01	3.986E+02	1.220E+02
PSDF EL STR	0	2622(5)	7.452682E+01	3.912021E+02	1.000E+01	2.000E-03	0.000E+00	1.000E+01	1.321E+02	1.220E+02
PSDF EL STR	0	2622(7)	6.340744E+01	2.437059E+02	1.000E+01	2.000E-03	0.000E+00	1.000E+01	4.400E+02	1.049E+02
PSDF EL STR	0	2625(3)	1.278820E+02	4.546877E+02	1.000E+01	2.000E-03	0.000E+00	1.000E+01	3.118E+02	4.720E+02
PSDF EL STR	0	2625(5)	8.233195E+01	3.943433E+02	1.000E+01	2.000E-03	0.000E+00	1.000E+01	1.454E+02	1.220E+02
PSDF EL STR	0	2625(7)	8.586972E+01	2.018568E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	7.909E+02	1.049E+02
PSDF EL STR	0	2626(3)	2.145766E+02	3.283493E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	3.614E+03	1.056E+02
PSDF EL STR	0	2626(5)	2.794854E+02	4.248012E+02	1.000E+01	2.000E-03	0.000E+00	1.000E+01	1.116E+03	5.060E+02
PSDF EL STR	0	2626(7)	1.873165E+02	1.725047E+02	1.000E+01	2.000E-03	0.000E+00	1.000E+01	4.014E+03	1.056E+02
PSDF EL STR	0	2627(3)	2.073707E+02	3.417155E+02	1.000E+01	2.000E-03	0.000E+00	1.000E+01	9.175E+02	1.049E+02
PSDF EL STR	0	2627(5)	5.777974E+02	3.426764E+02	1.000E+01	2.000E-03	0.000E+00	1.000E+01	6.050E+03	2.620E+02
PSDF EL STR	0	2627(7)	1.937945E+02	2.211717E+02	1.000E+01	2.000E-03	0.000E+00	1.000E+01	3.733E+03	1.056E+02
PSDF EL STR	0	2628(3)	2.815905E+02	3.349781E+02	1.000E+01	2.000E-03	0.000E+00	1.000E+01	2.080E+03	1.056E+02
PSDF EL STR	0	2628(5)	3.399641E+02	3.231168E+02	1.000E+01	2.000E-03	0.000E+00	1.000E+01	2.088E+03	1.056E+02

EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)

MARCH 2, 1996 MSC/NASTRAN

8/24/94

PAGE 102

Report 10515
1 Apr 96

X AXIS PSD RESPONSE

XY-OUTPUT SUMMARY (AUTO OR P S D F)

PLOT TYPE	CURVE NO.	FRAME NO.	RMS VALUE	NO. POSITIVE CROSSINGS	XMN FOR ALL DATA	YMN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX
PSDF EL STR	0	2628 (7)	1.464204E+02	3.480103E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.857E+02
PSDF EL STR	0	2629 (3)	1.751553E+02	4.403939E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	6.159E+02
PSDF EL STR	0	2629 (5)	1.350114E+02	2.561800E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.030E+03
PSDF EL STR	0	2629 (7)	5.206199E+01	1.652783E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.594E+02
PSDF EL STR	0	2630 (3)	5.432210E+01	3.374169E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.382E+02
PSDF EL STR	0	2630 (5)	1.699285E+02	1.661512E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.814E+03
PSDF EL STR	0	2630 (7)	1.263201E+02	1.265106E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.235E+03
PSDF EL STR	0	2631 (3)	1.693016E+02	2.145561E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.538E+03
PSDF EL STR	0	2631 (5)	1.120206E+02	3.602531E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	9.215E+02
PSDF EL STR	0	2631 (7)	1.945018E+02	1.340569E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	5.181E+03
PSDF EL STR	0	3202 (3)	1.173922E+02	4.794127E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.635E+02
PSDF EL STR	0	3202 (5)	8.801328E+01	2.547886E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	5.411E+02
PSDF EL STR	0	3202 (7)	6.744398E+01	4.533912E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.036E+02
PSDF EL STR	0	3203 (3)	1.327948E+02	3.009002E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.416E+02
PSDF EL STR	0	3203 (5)	9.299384E+01	3.853187E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.131E+02
PSDF EL STR	0	3203 (7)	6.994395E+01	4.020432E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.493E+02
PSDF EL STR	0	3204 (3)	1.065510E+02	3.363470E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	5.078E+02
PSDF EL STR	0	3204 (5)	7.615095E+01	4.124293E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.059E+02
PSDF EL STR	0	3204 (7)	6.217596E+01	3.025271E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.042E+02
PSDF EL STR	0	3205 (3)	2.159352E+02	4.002278E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.041E+03
PSDF EL STR	0	3205 (5)	1.110751E+02	4.072937E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.128E+02
PSDF EL STR	0	3205 (7)	7.425662E+01	2.713162E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.733E+02
PSDF EL STR	0	3206 (3)	1.318689E+02	3.295330E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	6.816E+02
PSDF EL STR	0	3206 (5)	1.139710E+02	3.577727E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.823E+02

X AXIS PSD RESPONSE

X Y - O U T P U T S U M M A R Y (A U T O R P S D F)

PLOT TYPE	CURVE FRAME NO.	CURVE ID.	RMS VALUE	NC. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX
PSDF EL STR	0	3206(7)	3.437224E+01	4.050286E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.452E+01	1.056E+02
PSDF EL STR	0	3207(3)	9.525329E+01	3.503545E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	6.560E+02	1.056E+02
PSDF EL STR	0	3207(5)	1.051520E+02	3.177781E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	6.677E+02	1.056E+02
PSDF EL STR	0	3207(7)	6.105412E+01	2.231592E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.022E+02	1.049E+02
PSDF EL STR	0	2615(3)	2.244242E+02	3.422034E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.298E+03	1.056E+02
PSDF EL STR	0	2615(5)	1.142256E+02	2.807470E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	8.864E+02	1.049E+02
PSDF EL STR	0	2615(7)	9.287071E+01	4.193049E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	9.829E+01	5.060E+02
PSDF EL STR	0	2623(3)	2.433177E+02	2.267311E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.201E+03	1.220E+02
PSDF EL STR	0	2623(5)	8.631743E+01	3.817401E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.059E+02	1.219E+02
PSDF EL STR	0	2623(7)	6.229647E+01	2.506078E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.950E+02	1.220E+02
PSDF EL STR	0	2624(3)	1.389139E+02	3.046123E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.969E+02	2.620E+02
PSDF EL STR	0	2624(5)	1.667563E+02	3.007379E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.601E+03	1.049E+02
PSDF EL STR	0	2624(7)	8.162145E+01	2.196078E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.645E+02	1.220E+02
PSDF EL STR	0	20018(3)	1.067889E+03	1.266638E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.461E+05	1.220E+02
PSDF EL STR	0	20018(5)	1.774338E+02	1.333478E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.296E+03	1.219E+02
PSDF EL STR	0	20018(7)	5.449921E+02	1.276707E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.015E+04	1.220E+02
PSDF EL STR	0	20019(3)	1.892558E+03	1.261886E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.392E+05	1.220E+02
PSDF EL STR	0	20019(5)	1.017596E+02	1.360530E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.206E+03	1.220E+02
PSDF EL STR	0	20019(7)	7.520101E+02	1.277973E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	6.928E+04	1.220E+02
PSDF EL STR	0	20020(3)	5.841347E+02	1.347228E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.151E+04	1.220E+02
PSDF EL STR	0	20020(5)	6.164468E+02	1.120229E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	5.434E+04	1.056E+02
PSDF EL STR	0	20020(7)	3.248503E+02	1.397574E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.259E+04	1.220E+02
PSDF EL STR	0	20021(3)	4.718730E+02	1.265658E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.991E+04	1.219E+02
PSDF EL STR	0	20021(5)	1.113041E+02	1.843020E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.444E+03	1.049E+02

X AXIS PSD RESPONSE

X Y - O U T P U T S U M M A R Y (A U T C O R P S D F)

PLOT TYPE	CURVE FRAME TYPE	NC.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	MIN FOR ALL DATA	MAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX
PSDF	EL STR	0	20021(7)	1.354042E+02	1.681691E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	1.930E+03	1.220E+02
PSDF	EL STR	0	20022(3)	1.398138E+03	1.270471E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	2.414E+05	1.220E+02
PSDF	EL STR	0	20022(5)	2.238400E+02	1.476341E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	4.769E+03	1.049E+02
PSDF	EL STR	0	20022(7)	1.047255E+03	1.240967E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	1.174E+05	1.220E+02
PSDF	EL STR	0	20023(3)	1.379147E+03	1.270264E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	2.353E+05	1.220E+02
PSDF	EL STR	0	20023(5)	5.810314E+02	1.133820E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	5.392E+04	1.049E+02
PSDF	EL STR	0	20023(7)	1.528172E+03	1.261265E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	2.894E+05	1.220E+02
PSDF	EL STR	0	20024(3)	1.186380E+03	1.244539E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	1.809E+05	1.049E+02
PSDF	EL STR	0	20024(5)	5.060445E+01	1.515254E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	7.761E+02	1.049E+02
PSDF	EL STR	0	20024(7)	7.284036E+02	1.264663E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	7.283E+04	1.049E+02
PSDF	EL STR	0	20025(3)	6.964257E+02	1.258481E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	6.441E+04	1.049E+02
PSDF	EL STR	0	20025(5)	6.757869E+01	2.422979E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	2.794E+02	1.220E+02
PSDF	EL STR	0	20025(7)	2.545136E+02	1.812226E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	6.901E+03	1.056E+02
PSDF	EL STR	0	2225(3)	1.955877E+02	1.281082E+02	1.000E+01	2.000E-03	0.000E+00	1.000E+01	3.321E+03	1.049E+02
PSDF	EL STR	0	2225(5)	5.894344E+01	1.903619E+02	1.000E+01	2.000E-03	0.000E+00	1.000E+01	3.056E+02	1.220E+02
PSDF	EL STR	0	2225(7)	1.562185E+02	2.143155E+02	1.000E+01	2.000E-03	0.000E-00	1.000E+01	2.196E+03	1.220E+02
PSDF	EL STR	0	2227(3)	2.827444E+02	1.257689E+02	1.000E-01	2.000E-03	0.000E-00	1.000E+01	1.088E+04	1.056E+02
PSDF	EL STR	0	2227(5)	7.436992E+02	1.281852E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	6.763E+04	1.220E+02
PSDF	EL STR	0	2227(7)	4.427982E+02	1.345806E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	2.375E+04	1.220E+02
PSDF	EL STR	0	2070(3)	2.006716E+02	1.205190E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	4.383E+03	1.056E+02
PSDF	EL STR	0	2070(5)	9.481332E+01	1.377013E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	8.918E+02	1.220E+02
PSDF	EL STR	0	2070(7)	3.462755E+02	1.280745E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	8.883E+03	1.219E+02

*** USER WARNING MESSAGE 979, AN XY-OUTPUT REQUEST FOR POINT OR ELEMENT ID 2071
-STRE- CURVE IS BEING PASSED OVER. THE ID COULD NOT BE FOUND IN DATA BLOCK 102

*** USER WARNING MESSAGE 979, AN XY-OUTPUT REQUEST FOR POINT OR ELEMENT ID 2071
-STRE- CURVE IS BEING PASSED OVER. THE ID COULD NOT BE FOUND IN DATA BLOCK 102

*** USER WARNING MESSAGE 979, AN XY-OUTPUT REQUEST FOR POINT OR ELEMENT ID 2071
-STRE- CURVE IS BEING PASSED OVER. THE ID COULD NOT BE FOUND IN DATA BLOCK 102

PSDF EL STR 0 2089(3) 5.049175E+02 1.162909E+02 1.000E-01 2.000E-03 0.000E+00 1.000E+01 3.647E+04 1.056E+02

X AXIS PSD RESPONSE

X Y - O U T P U T S U M M A R Y (A U T C O R P S D F)											
PLOT TYPE	CURVE FRAME TYPE	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	YMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX	
PSDF	EL STR	0	2089(7)	5.844467E+02	1.249045E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	2.934E+04	1.220E+02
PSDF	EL STR	0	2090(3)	4.438785E+02	1.236026E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	2.813E+04	1.049E+02
PSDF	EL STR	0	2090(5)	9.213471E+01	3.428769E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	2.968E+02	1.049E+02
PSDF	EL STR	0	2090(7)	5.608285E+02	1.253066E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	3.223E+04	1.220E+02
PSDF	EL STR	0	2091(3)	3.029243E+02	1.413021E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	1.197E+04	1.049E+02
PSDF	EL STR	0	2091(5)	1.932227E+02	2.201773E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	1.433E+03	1.220E+02
PSDF	EL STR	0	2091(7)	6.248611E+02	1.245595E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	3.868E+04	1.220E+02
PSDF	EL STR	0	2092(3)	2.335147E+02	1.226683E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	5.179E+03	1.049E+02
PSDF	EL STR	0	2092(5)	4.038186E+02	1.458520E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	1.737E+04	1.220E+02
PSDF	EL STR	0	2092(7)	3.039827E+02	1.235546E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	6.916E+04	1.220E+02
PSDF	EL STR	0	2093(3)	1.837551E+02	2.119197E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	3.014E+03	1.220E+02
PSDF	EL STR	0	2093(5)	1.590352E+02	1.331793E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	2.203E+03	1.219E+02
PSDF	EL STR	0	2093(7)	5.554027E+02	1.305844E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	3.453E+04	1.220E+02
PSDF	EL STR	0	2094(3)	7.713295E+01	3.085897E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	4.009E+02	1.220E+02
PSDF	EL STR	0	2094(5)	1.075212E+02	2.482410E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	7.835E+02	1.220E+02
PSDF	EL STR	0	2094(7)	5.171634E+02	1.319690E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	3.026E+04	1.220E+02
PSDF	EL STR	0	2095(3)	1.522323E+02	2.237696E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	1.624E+03	1.780E+02
PSDF	EL STR	0	2095(5)	2.398806E+02	1.793078E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	2.357E+03	1.049E+02
PSDF	EL STR	0	2095(7)	5.294774E+02	1.335155E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	3.293E+04	1.220E+02
PSDF	EL STR	0	2096(3)	1.185504E+02	2.308603E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	9.129E+02	1.220E+02
PSDF	EL STR	0	2096(5)	5.628688E+02	1.382988E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	3.397E+04	1.220E+02
PSDF	EL STR	0	2096(7)	5.094207E+02	1.340245E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	3.099E+04	1.220E+02
PSDF	EL STR	0	2615(3)	2.244242E+02	3.422034E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.298E+03	1.056E+02
PSDF	EL STR	0	2615(5)	1.142256E+02	2.807470E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	8.864E+02	1.049E+02

X AXIS PSD RESPONSE

XY - O U T P U T S U M M A R Y (A J T C O R P S D F)

PLOT TYPE	CURVE FRAME NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX
PSDF EL STR	0	2615(7)	8.287071E+01	4.198049E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.829E+01	5.060E+02
PSDF EL STR	0	2616(3)	1.284956E+02	2.532635E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.127E+03	1.219E+02
PSDF EL STR	0	2616(5)	8.430642E+01	3.553827E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.038E+02	1.056E+02
PSDF EL STR	0	2616(7)	1.750521E+02	1.385934E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.888E+03	1.056E+02
PSDF EL STR	0	2617(3)	1.732943E+02	1.781016E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.596E+03	1.049E+02
PSDF EL STR	0	2617(5)	2.294624E+02	1.366153E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.003E+03	1.049E+02
PSDF EL STR	0	2617(7)	9.645467E+01	1.332923E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.158E+03	1.056E+02
PSDF EL STR	0	2618(3)	1.068455E+02	2.132674E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.359E+03	1.049E+02
PSDF EL STR	0	2618(5)	2.651400E+02	1.501808E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.694E+03	1.049E+02
PSDF EL STR	0	2618(7)	9.300523E+01	1.945898E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.540E+02	1.220E+02
PSDF EL STR	0	2619(3)	1.500049E+02	1.544906E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.724E+03	1.056E+02
PSDF EL STR	0	2619(5)	1.487589E+02	2.467569E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.318E+03	1.049E+02
PSDF EL STR	0	2619(7)	1.607277E+02	1.795338E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.132E+03	1.049E+02
PSDF EL STR	0	2621(3)	2.116667E+02	3.682823E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.819E+03	1.049E+02
PSDF EL STR	0	2621(5)	3.221093E+02	4.289985E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.505E+03	4.760E+02
PSDF EL STR	0	2621(7)	1.997827E+02	1.509104E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.003E+03	1.049E+02
PSDF EL STR	0	2622(3)	1.056815E+02	3.951796E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.986E+02	1.220E+02
PSDF EL STR	0	2622(5)	7.452682E+01	3.912021E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.321E+02	1.220E+02
PSDF EL STR	0	2622(7)	6.340744E+01	2.437059E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.400E+02	1.049E+02
PSDF EL STR	0	2623(3)	2.433177E+02	2.267311E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.201E+03	1.220E+02
PSDF EL STR	0	2623(5)	8.631743E+01	3.817401E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.059E+02	1.219E+02
PSDF EL STR	0	2623(7)	6.229647E+01	2.506078E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.950E+02	1.220E+02
PSDF EL STR	0	2624(3)	1.389139E+02	3.046123E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.963E+02	2.620E+02
PSDF EL STR	0	2624(5)	1.667563E+02	3.007379E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.601E+03	1.049E+02

EOS/AMSC-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)

MARCH 2, 1996 MSC/NASTRAN 8/24/94 PAGE 107

X AXIS PSD RESPONSE

X Y - C U T P U T S U M M A R Y (A U T C O R P S D F)

PLOT TYPE	CURVE TYPE	FRAME NO.	CURVE NO.	RMS VALUE	NC. POSITIVE CROSSINGS	XMIN FOR ALL DATA		XMAX FOR ALL DATA		YMIN ALL DATA		YMAX FOR ALL DATA		X FOR* YMAX
						ALL DATA	ALL DATA	ALL DATA	ALL DATA	ALL DATA	ALL DATA			
PSDF	EL STR	0	2624 (7)	9.162145E+01	2.196078E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.645E+02	1.220E+02			
PSDF	EL STR	0	2625 (3)	1.278820E+02	4.546877E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.119E+02	4.720E+02			
PSDF	EL STR	0	2625 (5)	8.253195E+01	3.948433E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.454E+02	1.220E+02			
PSDF	EL STR	0	2625 (7)	8.586972E+01	2.018568E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.909E+02	1.049E+02			
PSDF	EL STR	0	2626 (3)	2.145765E+02	3.283493E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.614E+03	1.056E+02			
PSDF	EL STR	0	2626 (5)	2.794854E+02	4.248012E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.116E+03	5.060E+02			
PSDF	EL STR	0	2626 (7)	1.873165E+02	1.725047E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.014E+03	1.056E+02			
PSDF	EL STR	0	2627 (3)	2.073707E+02	3.417155E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	9.175E+02	1.049E+02			
PSDF	EL STR	0	2627 (5)	5.777974E+02	3.425764E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	6.050E+03	2.620E+02			
PSDF	EL STR	0	2627 (7)	1.937945E+02	2.211717E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.733E+03	1.056E+02			
PSDF	EL STR	0	2628 (3)	2.815905E+02	3.349781E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.080E+03	1.056E+02			
PSDF	EL STR	0	2628 (5)	3.399641E+02	3.231168E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.088E+03	1.056E+02			
PSDF	EL STR	0	2628 (7)	1.464204E+02	3.480103E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.857E+02	2.620E+02			
PSDF	EL STR	0	2629 (3)	1.751853E+02	4.403393E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	6.159E+02	5.020E+02			
PSDF	EL STR	0	2629 (5)	1.350114E+02	2.361800E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.030E+03	1.056E+02			
PSDF	EL STR	0	2629 (7)	5.205199E+01	1.652783E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.594E+02	1.056E+02			
PSDF	EL STR	0	2630 (3)	5.432210E+01	3.374169E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.382E+02	1.056E+02			
PSDF	EL STR	0	2630 (5)	1.699285E+02	1.661512E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.814E+03	1.056E+02			
PSDF	EL STR	0	2630 (7)	1.263201E+02	1.265106E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.235E+03	1.056E+02			
PSDF	EL STR	0	2631 (3)	1.693016E+02	2.145561E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.538E+03	1.049E+02			
PSDF	EL STR	0	2631 (5)	1.120206E+02	3.602531E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	9.215E+02	1.056E+02			
PSDF	EL STR	0	2631 (7)	1.946018E+02	1.340569E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	5.181E+03	1.056E+02			
PSDF	EL STR	0	3202 (3)	1.173922E+02	4.794127E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.635E+02	5.060E+02			
PSDF	EL STR	0	3202 (5)	8.801328E+01	2.547866E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	5.411E+02	1.056E+02			

ECS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)
X AXIS PSD RESPONSE

MARCH 2, 1996 MSC/NASTRAN 8/24/94 PAGE 108

X Y - O U T P U T S U M M A R Y (A J T O R P S D F)

PLOT TYPE	CURVE TYPE	FRAME NO.	CURVE ID.	RMS VALUE	NC. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX
PSDF	EL STR	0	3202 (7)	6.744398E+01	4.539912E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.036E+02	1.056E+02
PSDF	EL STR	0	3203 (3)	1.327548E+02	3.003002E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.416E+02	2.620E+02
PSDF	EL STR	0	3203 (5)	9.299384E+01	3.853187E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.131E+02	1.219E+02
PSDF	EL STR	0	3203 (7)	6.994395E+01	4.020432E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.493E+02	1.056E+02
PSDF	EL STR	0	3204 (3)	1.065510E+02	3.363470E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.078E+02	1.056E+02
PSDF	EL STR	0	3204 (5)	7.615095E+01	4.124253E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.059E+02	4.720E+02
PSDF	EL STR	0	3204 (7)	6.217596E+01	3.025271E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.042E+02	1.056E+02
PSDF	EL STR	0	3205 (3)	2.159352E+02	4.002278E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.041E+03	1.219E+02
PSDF	EL STR	0	3205 (5)	1.110751E+02	4.072937E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.128E+02	4.720E+02
PSDF	EL STR	0	3205 (7)	7.425662E+01	2.718162E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.733E+02	1.056E+02
PSDF	EL STR	0	3206 (3)	1.318689E+02	3.295330E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.816E+02	1.219E+02
PSDF	EL STR	0	3206 (5)	1.139710E+02	3.577727E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.823E+02	1.049E+02
PSDF	EL STR	0	3206 (7)	3.437224E+01	4.050286E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.452E+01	1.056E+02
PSDF	EL STR	0	3207 (3)	9.525329E+01	3.508545E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.560E+02	1.056E+02
PSDF	EL STR	0	3207 (5)	1.051520E+02	3.177781E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.677E+02	1.056E+02
PSDF	EL STR	0	3207 (7)	6.105412E+01	2.231592E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.022E+02	1.049E+02
PSDF	EL STR	0	3196 (3)	1.254397E+02	2.397437E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.786E+03	1.049E+02
PSDF	EL STR	0	3196 (5)	9.320494E+01	3.242444E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.337E+02	1.049E+02
PSDF	EL STR	0	3196 (7)	4.973956E+01	2.956033E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.105E+02	1.056E+02
PSDF	EL STR	0	3197 (3)	1.469414E+02	3.304639E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.677E+03	1.056E+02
PSDF	EL STR	0	3197 (5)	1.158595E+02	2.929711E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.440E+02	1.049E+02
PSDF	EL STR	0	3197 (7)	5.425246E+01	2.783992E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.862E+02	1.049E+02
PSDF	EL STR	0	3198 (3)	1.805337E+02	3.905536E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.457E+03	1.056E+02
PSDF	EL STR	0	3193 (5)	1.087667E+02	2.724393E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.912E+02	1.049E+02

X AXIS PSD RESPONSE

X Y - O U T P U T S U M M A R Y (A U T O R P S D F)

PLOT TYPE	CURVE FRAME NO.	CURVE ID.	RMS VALUE	NC. POSITIVE CROSSINGS	XMN FOR ALL DATA	XVAX FOR ALL DATA	VMN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX
PSDF EL STR	0	3198(7)	6.2398E+01	3.054538E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.897E+02	1.049E+02
PSDF EL STR	0	3199(3)	9.930804E+01	3.280433E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.050E+02	1.056E+02
PSDF EL STR	0	3199(5)	5.561503E+01	3.530893E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.358E+02	1.049E+02
PSDF EL STR	0	3199(7)	9.105586E+01	2.574708E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.327E+02	1.049E+02
PSDF EL STR	0	3200(3)	1.014389E+02	4.295299E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.794E+02	1.219E+02
PSDF EL STR	0	3200(5)	9.046616E+01	3.942110E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.252E+02	1.049E+02
PSDF EL STR	0	3200(7)	1.071902E+02	2.840617E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.046E+03	1.049E+02
PSDF EL STR	0	3201(3)	1.301019E+02	4.478330E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.673E+02	4.760E+02
PSDF EL STR	0	3201(5)	1.157229E+02	2.891132E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.242E+03	1.056E+02
PSDF EL STR	0	3201(7)	9.541622E+01	4.575978E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.417E+02	4.780E+02
PSDF EL STR	0	2249(3)	1.228912E+02	4.286877E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.829E+02	1.056E+02
PSDF EL STR	0	2249(5)	2.411986E+02	1.545544E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.933E+03	1.219E+02
PSDF EL STR	0	2249(7)	1.165164E+02	2.021872E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.543E+03	1.049E+02
PSDF EL STR	0	2250(3)	1.399680E+02	3.114486E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.560E+02	1.220E+02
PSDF EL STR	0	2250(5)	9.372221E+01	3.279502E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.596E+02	1.220E+02
PSDF EL STR	0	2250(7)	5.500368E+01	2.940384E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.845E+02	1.049E+02
PSDF EL STR	0	2251(3)	1.786773E+02	2.661716E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.673E+03	1.220E+02
PSDF EL STR	0	2251(5)	9.994783E+01	3.894273E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.647E+02	1.049E+02
PSDF EL STR	0	2251(7)	6.987465E+01	2.207254E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.962E+02	1.049E+02
PSDF EL STR	0	2252(3)	1.155501E+02	4.152023E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.844E+02	1.056E+02
PSDF EL STR	0	2252(5)	1.215900E+02	1.772817E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.598E+03	1.056E+02
PSDF EL STR	0	2252(7)	1.041842E+02	1.645352E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.263E+03	1.056E+02
PSDF EL STR	0	2253(3)	1.705688E+02	1.938664E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.413E+03	1.056E+02
PSDF EL STR	0	2253(5)	1.346672E+02	2.584080E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.403E+03	1.219E+02

MARCH 2, 1996 MSC/NASTRAN 8/24/94 PAGE 110

EOS/AKSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)

X AXIS PSD RESPONSE

XY - O U T P U T S U M M A R Y (A U T C O R P S D F)

PLOT TYPE	CURVE FRAME NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX
PSDF EL STR	0	2253(7)	1.679275E+02	1.900632E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.785E+03	1.056E+02
PSDF EL STR	0	2255(3)	1.178888E+02	1.727184E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.003E+03	1.219E+02
PSDF EL STR	0	2255(5)	2.735039E+01	2.432669E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	5.202E+01	1.219E+02
PSDF EL STR	0	2255(7)	1.281248E+02	2.510903E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.460E+03	1.056E+02
PSDF EL STR	0	2256(3)	2.174794E+02	3.355916E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.262E+03	1.049E+02
PSDF EL STR	0	2256(5)	2.478508E+02	3.214090E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.362E+03	1.049E+02
PSDF EL STR	0	2256(7)	2.313911E+02	2.064425E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	5.405E+03	1.049E+02
PSDF EL STR	0	21745(3)	1.667853E+02	2.474667E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	6.950E+02	2.220E+02
PSDF EL STR	0	21745(5)	1.593901E+02	2.949232E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.590E+02	2.200E+02
PSDF EL STR	0	21745(7)	1.380833E+02	2.425654E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.589E+02	1.780E+02
PSDF EL STR	0	21675(3)	1.761411E+02	3.785772E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.628E+02	3.860E+02
PSDF EL STR	0	21675(5)	1.483265E+02	3.961906E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.276E+02	1.227E+02
PSDF EL STR	0	21675(7)	1.294165E+02	3.527840E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.145E+02	1.780E+02
PSDF EL STR	0	21679(3)	3.315146E+02	3.483433E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.542E+03	3.860E+02
PSDF EL STR	0	21679(5)	6.705816E+01	3.061025E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	8.208E+01	1.219E+02
PSDF EL STR	0	21679(7)	6.884368E+01	4.546158E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.108E+02	3.860E+02
PSDF EL STR	0	21749(3)	2.674568E+02	3.129590E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.326E+03	2.300E+02
PSDF EL STR	0	21749(5)	6.430476E+01	2.950944E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.973E+01	1.219E+02
PSDF EL STR	0	21749(7)	5.099245E+01	4.634269E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.161E+01	3.840E+02
PSDF EL STR	0	21672(3)	8.537066E+01	2.596962E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.197E+02	1.220E+02
PSDF EL STR	0	21672(5)	2.590217E+02	2.336975E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.691E+03	1.220E+02
PSDF EL STR	0	21672(7)	3.054338E+01	4.264774E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.241E+01	2.300E+02
PSDF EL STR	0	21742(3)	7.415453E+01	2.154155E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.544E+02	1.220E+02
PSDF EL STR	0	21742(5)	2.406229E+02	2.225412E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.462E+03	1.220E+02

X AXIS PSD RESPONSE

X Y - O U T P U T S U M M A R Y (A T T O R P S D F)

PLOT TYPE	CURVE FRAME NO.	CURVE ID.	RMS VALUE	NC. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX
PSDF EL STR	0	21742(7)	2.932863E+01	3.613481E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.468E+01	2.440E+02
PSDF EL STR	0	21783(3)	2.873837E+02	1.995334E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.419E+03	1.730E+02
PSDF EL STR	0	21783(5)	2.918484E+02	2.113336E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.245E+03	1.730E+02
PSDF EL STR	0	21783(7)	3.102724E+01	4.102769E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.418E+01	2.420E+02
PSDF EL STR	0	21713(3)	2.874944E+02	2.105498E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.254E+03	1.730E+02
PSDF EL STR	0	21713(5)	2.718150E+02	2.375350E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.950E+03	1.780E+02
PSDF EL STR	0	21713(7)	4.181755E+01	4.879074E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.428E+01	3.860E+02
PSDF EL STR	0	21041(3)	9.342677E+02	2.465469E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.030E+04	1.049E+02
PSDF EL STR	0	21041(5)	8.852401E+02	2.095699E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.860E+04	1.049E+02
PSDF EL STR	0	21041(7)	1.750926E+02	3.321853E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.998E+03	1.049E+02
PSDF EL STR	0	21042(3)	1.164369E+03	2.563350E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.842E+04	1.049E+02
PSDF EL STR	0	21042(5)	5.466890E+02	2.246998E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.169E+04	1.049E+02
PSDF EL STR	0	21042(7)	6.887338E+02	2.040553E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.711E+04	1.049E+02
PSDF EL STR	0	21043(3)	3.595373E+02	2.463002E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.843E+03	1.049E+02
PSDF EL STR	0	21043(5)	1.820705E+02	3.712242E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.258E+03	1.049E+02
PSDF EL STR	0	21043(7)	2.504222E+02	2.675490E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.447E+03	1.219E+02
PSDF EL STR	0	21044(3)	1.552511E+02	2.410288E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.515E+03	1.220E+02
PSDF EL STR	0	21044(5)	1.366121E+02	3.356492E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.275E+03	1.049E+02
PSDF EL STR	0	21044(7)	3.797613E+02	2.199888E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	8.951E+03	1.220E+02
PSDF EL STR	0	21045(3)	4.775204E+02	1.521625E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.731E+04	1.220E+02
PSDF EL STR	0	21045(5)	1.072367E+03	1.529827E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.365E+05	1.220E+02
PSDF EL STR	0	21045(7)	1.342045E+03	1.498687E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.104E+05	1.220E+02
PSDF EL STR	0	21046(3)	1.031348E+03	1.367373E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.165E+05	1.220E+02
PSDF EL STR	0	21046(5)	5.798055E+02	2.140113E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.559E+04	1.049E+02

EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)

X AXIS PSD RESPONSE

XY - O U T P U T S U M M A R Y (A U T O R P S D F)

PLOT TYPE	CURVE FRAME NO.	CURVE ID.	RMS VALUE	NC. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX
PSDF EL STR	0	21046(7)	1.218604E+03	1.322515E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	1.651E+05	1.220E+02
PSDF EL STR	0	21047(3)	6.558733E+01	2.529365E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	2.928E+02	1.220E+02
PSDF EL STR	0	21047(5)	2.042205E+02	2.497690E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.780E+03	1.430E+02
PSDF EL STR	0	21047(7)	2.106651E+02	1.684660E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.579E+03	1.220E+02
PSDF EL STR	0	21048(3)	4.390522E+02	1.757007E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.021E+04	1.049E+02
PSDF EL STR	0	21048(5)	7.080289E+02	1.371851E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.986E+04	1.220E+02
PSDF EL STR	0	21048(7)	4.289877E+02	1.573599E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.316E+04	1.220E+02
PSDF EL STR	0	21049(3)	1.233081E+03	1.903032E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	8.331E+04	1.430E+02
PSDF EL STR	0	21049(5)	8.527911E+02	1.733000E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	8.134E+04	1.056E+02
PSDF EL STR	0	21049(7)	9.098870E+02	1.439380E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	8.468E+04	1.049E+02
PSDF EL STR	0	21050(3)	1.092676E+03	1.647368E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.883E+04	1.049E+02
PSDF EL STR	0	21050(5)	8.326640E+02	1.785465E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.102E+04	1.430E+02
PSDF EL STR	0	21050(7)	1.962448E+02	3.053046E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.165E+03	1.480E+02
PSDF EL STR	0	21410(3)	2.036633E+02	3.954319E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.113E+03	3.830E+02
PSDF EL STR	0	21410(5)	5.825244E+02	4.531257E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.876E+04	3.830E+02
PSDF EL STR	0	21410(7)	1.473496E+02	2.895809E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	9.625E+02	1.220E+02
PSDF EL STR	0	21409(3)	3.539988E+02	1.868491E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.374E+03	1.220E+02
PSDF EL STR	0	21409(5)	1.756039E+02	1.842332E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.299E+03	1.480E+02
PSDF EL STR	0	21409(7)	1.272516E+02	2.836598E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.027E+02	1.490E+02
PSDF EL STR	0	21425(3)	3.187620E+02	2.049013E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	5.507E+03	1.056E+02
PSDF EL STR	0	21425(5)	2.260272E+02	2.016804E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.682E+03	1.049E+02
PSDF EL STR	0	21425(7)	3.485021E+02	1.798252E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	6.658E+03	1.049E+02
PSDF EL STR	0	21426(3)	1.699575E+02	3.836168E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	8.549E+02	1.430E+02
PSDF EL STR	0	21426(5)	2.556627E+02	1.283688E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.654E+03	1.056E+02

X AXIS PSD RESPONSE

X Y - O U T P U T S U M M A R Y (A U T C O R E S D F)

PLOT TYPE	CURVE FRAME NO.	RMS VALUE	NO. POSITIVE CROSSINGS	MIN FOR ALL DATA	MAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX
PSDF EL STR	0	21426(7)	7.671875E+01	3.032824E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	9.596E+01 2.100E+02
PSDF EL STR	0	21427(3)	2.422323E+02	3.695160E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.737E+03 3.880E+02
PSDF EL STR	0	21427(5)	1.288743E+02	2.460785E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.383E+03 1.219E+02
PSDF EL STR	0	21427(7)	5.867923E+01	3.433177E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.972E+01 2.440E+02
PSDF EL STR	0	21423(3)	4.915590E+02	2.841675E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.824E+04 1.220E+02
PSDF EL STR	0	21428(5)	5.354169E+02	1.552414E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.215E+04 1.220E+02
PSDF EL STR	0	21428(7)	1.438617E+02	2.230101E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.946E+03 1.220E+02
PSDF EL STR	0	21429(3)	5.544568E+02	2.635957E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.456E+04 1.220E+02
PSDF EL STR	0	21429(5)	4.543164E+02	1.604957E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.358E+04 1.220E+02
PSDF EL STR	0	21423(7)	2.320722E+02	1.756268E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	6.244E+03 1.220E+02
PSDF EL STR	0	21430(3)	2.996384E+02	4.001554E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.297E+03 3.880E+02
PSDF EL STR	0	21430(5)	4.036337E+02	1.539684E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.823E+04 1.220E+02
PSDF EL STR	0	21430(7)	6.938861E+01	4.298210E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.493E+02 1.220E+02
PSDF EL STR	0	21431(3)	3.360483E+02	4.160317E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	6.086E+03 3.880E+02
PSDF EL STR	0	21431(5)	1.831025E+02	3.106313E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.798E+03 1.049E+02
PSDF EL STR	0	21431(7)	3.459628E+01	2.882470E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.173E+02 1.220E+02
PSDF EL STR	0	21432(3)	1.903624E+02	4.292903E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.752E+03 3.880E+02
PSDF EL STR	0	21432(5)	4.947065E+02	4.286585E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.379E+04 3.880E+02
PSDF EL STR	0	21432(7)	1.966030E+02	2.748774E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.349E+03 1.049E+02
PSDF EL STR	0	21241(3)	6.106243E+02	1.540986E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.001E+04 1.049E+02
PSDF EL STR	0	21241(5)	6.426946E+02	2.083981E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.782E+04 1.480E+02
PSDF EL STR	0	21241(7)	6.098405E+02	1.521149E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.314E+04 1.049E+02
PSDF EL STR	0	21242(3)	1.368516E+03	1.358627E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.074E+05 1.049E+02
PSDF EL STR	0	21242(5)	1.622787E+03	1.208965E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.791E+05 1.049E+02

EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)
X AXIS PSD RESPONSE

MARCH 2, 1996 MSC/NASTRAN 8/24/94 PAGE 114

X Y - C U T F U T S U M M A R Y (A U T O R P S D F)

PLOT TYPE	CURVE FRAME NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX
PSDF EL STR	0	21242(7)	6.933581E+02	1.690110E+02	1.000E-01	2.000E+03	0.000E-00	1.000E+01	2.094E+04	1.480E+02
PSDF EL STR	0	21243(3)	5.063673E+02	1.469358E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.876E+04	1.049E+02
PSDF EL STR	0	21243(5)	4.111250E+02	1.614323E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.132E+04	1.056E+02
PSDF EL STR	0	21243(7)	3.687902E+02	1.613382E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	8.202E+03	1.049E+02
PSDF EL STR	0	21244(3)	6.886658E+01	3.554001E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.368E+02	1.227E+02
PSDF EL STR	0	21244(5)	3.587398E+02	1.752766E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.154E+04	1.056E+02
PSDF EL STR	0	21244(7)	1.282717E+02	3.083333E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.187E+02	1.049E+02
PSDF EL STR	0	21245(3)	5.157090E+02	1.418737E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.473E+04	1.220E+02
PSDF EL STR	0	21245(5)	4.986968E+02	1.660587E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.908E+04	1.049E+02
PSDF EL STR	0	21245(7)	3.508466E+02	2.374376E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.263E+03	1.049E+02
PSDF EL STR	0	21246(3)	3.231896E+02	1.606315E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	6.369E+03	1.220E+02
PSDF EL STR	0	21246(5)	2.806490E+02	2.324284E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.277E+03	1.219E+02
PSDF EL STR	0	21246(7)	5.447712E+02	1.431408E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.110E+04	1.049E+02
PSDF EL STR	0	21247(3)	9.872594E+01	2.345029E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.178E+02	1.049E+02
PSDF EL STR	0	21247(5)	4.320275E+02	1.265855E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.188E+04	1.049E+02
PSDF EL STR	0	21247(7)	2.100419E+02	1.957308E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.555E+03	1.049E+02
PSDF EL STR	0	21248(3)	5.666593E+02	2.071794E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.735E+04	1.049E+02
PSDF EL STR	0	21248(5)	6.932491E+02	1.341956E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	5.549E+04	1.049E+02
PSDF EL STR	0	21248(7)	3.619158E+02	2.073088E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	8.745E+03	1.049E+02
PSDF EL STR	0	21249(3)	2.053723E+03	1.876112E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.444E+05	1.220E+02
PSDF EL STR	0	21249(5)	4.364700E+02	1.496878E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.425E+04	1.056E+02
PSDF EL STR	0	21249(7)	4.096810E+02	2.683255E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	5.873E+03	1.480E+02
PSDF EL STR	0	21250(3)	1.537726E+03	1.603746E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.875E+05	1.049E+02
PSDF EL STR	0	21250(5)	1.565524E+03	1.800630E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.459E+05	1.049E+02

X AXIS PSD RESPONSE

X Y - O U T P U T S U M M A R Y (A U T C O R P S D F)									
FLUT TYPE	CURVE FRAME NO.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	YMAX FOR ALL DATA	X FOR YMIN	X FOR YMAX
PSDF EL STR	0 21250(7)	3.990214E+02	1.900133E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	1.000E+01	1.049E+02
PSDF EL STR	0 21339(3)	1.270708E+03	1.513010E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	1.000E+01	1.049E+02
PSDF EL STR	0 21339(5)	1.847927E+02	1.923169E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	1.000E+01	1.480E+02
PSDF EL STR	0 21339(7)	5.023095E+02	1.575877E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	1.000E+01	1.049E+02
PSDF EL STR	0 21340(3)	3.616016E+02	2.503516E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	1.000E+01	1.049E+02
PSDF EL STR	0 21340(5)	3.998331E+02	3.522614E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	1.000E+01	3.940E+02
PSDF EL STR	0 21340(7)	1.075789E+02	3.309231E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	1.000E+01	1.219E+02
PSDF EL STR	0 21355(3)	1.517593E+03	1.570464E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	1.000E+01	1.480E+02
PSDF EL STR	0 21355(5)	6.134396E+02	1.747702E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	1.000E+01	1.480E+02
PSDF EL STR	0 21355(7)	3.337707E+02	1.954793E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	1.000E+01	1.480E+02
PSDF EL STR	0 21356(3)	1.902501E+02	3.443171E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	1.000E+01	1.480E+02
PSDF EL STR	0 21356(5)	4.747939E+02	1.209717E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	1.000E+01	1.049E+02
PSDF EL STR	0 21356(7)	2.001329E+02	2.259492E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	1.000E+01	1.220E+02
PSDF EL STR	0 21357(3)	2.913329E+02	3.526098E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	1.000E+01	3.940E+02
PSDF EL STR	0 21357(5)	3.326622E+02	1.531802E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	1.000E+01	1.049E+02
PSDF EL STR	0 21357(7)	1.061737E+02	3.599615E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	1.000E+01	3.860E+02
PSDF EL STR	0 21358(3)	5.906097E+02	3.034014E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	1.000E+01	1.049E+02
PSDF EL STR	0 21358(5)	2.705573E+02	2.430642E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	1.000E+01	1.056E+02
PSDF EL STR	0 21358(7)	1.315123E+02	3.304858E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	1.000E+01	1.049E+02
PSDF EL STR	0 21359(3)	5.592751E+02	3.231530E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	1.000E+01	1.049E+02
PSDF EL STR	0 21359(5)	2.541044E+02	2.611374E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	1.000E+01	1.056E+02
PSDF EL STR	0 21359(7)	2.435545E+02	1.734149E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	1.000E+01	1.049E+02
PSDF EL STR	0 21360(3)	3.711735E+02	3.939499E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	1.000E+01	3.920E+02
PSDF EL STR	0 21360(5)	2.889441E+02	1.945760E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	1.000E+01	1.049E+02

EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)

X AXIS PSD RESPONSE

XY-OUT PUT SUMMARY (AUTC OR 2 S D F)

PLOT TYPE	CURVE TYPE	FRAME NO.	CURVE ID.	RMS VALUE	NC. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	YMAX FOR ALL DATA	X FOR YMIN	Y FOR YMAX
PSDF	EL STR	0	21360(7)	2.443995E+22	1.794417E+02	1.000E-01	2.000E-01	0.000E+00	1.000E+01	4.702E+03	1.049E+02
PSDF	EL STR	0	21361(3)	4.236326E+22	3.962148E+02	1.000E-01	2.000E-01	0.000E+00	1.000E+01	1.015E+04	3.920E+02
PSDF	EL STR	0	21361(5)	3.241484E+22	1.956823E+02	1.000E-01	2.000E-01	0.000E+00	1.000E+01	1.168E+04	1.049E+02
PSDF	EL STR	0	21361(7)	3.076277E+22	1.972961E+02	1.000E-01	2.000E-01	0.000E+00	1.000E+01	7.063E+03	1.049E+02
PSDF	EL STR	0	21362(3)	5.533636E+22	2.531417E+02	1.000E-01	2.000E-01	0.000E+00	1.000E+01	1.935E+04	1.049E+02
PSDF	EL STR	0	21362(5)	1.119090E+23	3.148327E+02	1.000E-01	2.000E-01	0.000E+00	1.000E+01	3.153E+04	1.220E+02
PSDF	EL STR	0	21362(7)	5.869786E+22	2.095135E+02	1.000E-01	2.000E-01	0.000E+00	1.000E+01	2.102E+04	1.049E+02
PSDF	EL STR	0	22742(3)	2.038611E+22	1.912457E+02	1.000E-01	2.000E-01	0.000E+00	1.000E+01	3.096E+03	1.049E+02
PSDF	EL STR	0	22742(5)	1.814184E+22	1.380182E+02	1.000E-01	2.000E-01	0.000E+00	1.000E+01	2.439E+03	1.056E+02
PSDF	EL STR	0	22742(7)	3.590702E+22	1.827341E+02	1.000E-01	2.000E-01	0.000E+00	1.000E+01	1.065E+04	1.056E+02
PSDF	EL STR	0	22743(3)	1.069631E+22	1.736318E+02	1.000E-01	2.000E-01	0.000E+00	1.000E+01	1.322E+03	1.220E+02
PSDF	EL STR	0	22743(5)	3.537548E+21	4.533655E+02	1.000E-01	2.000E-01	0.000E+00	1.000E+01	1.941E+01	1.227E+02
PSDF	EL STR	0	22743(7)	3.058444E+22	1.383303E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	9.413E+03	1.220E+02
PSDF	EL STR	0	22744(3)	9.413086E+21	1.524674E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	7.015E+02	1.219E+02
PSDF	EL STR	0	22744(5)	5.707161E+21	3.585776E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	5.073E+01	1.049E+02
PSDF	EL STR	0	22744(7)	2.461801E+22	1.366200E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.523E+03	1.220E+02
PSDF	EL STR	0	22745(3)	4.176554E+22	1.420161E+02	1.000E+01	2.000E-03	0.000E+00	1.000E+01	2.115E+04	1.220E+02
PSDF	EL STR	0	22745(5)	2.528257E+21	2.741179E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	5.379E+01	1.049E+02
PSDF	EL STR	0	22745(7)	4.635386E+22	1.246789E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	2.405E+04	1.220E+02
PSDF	EL STR	0	22840(3)	2.257581E+03	1.449402E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.218E+05	1.220E+02
PSDF	EL STR	0	22840(5)	5.851431E+02	4.621709E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.560E+03	4.800E+02
PSDF	EL STR	0	22840(7)	1.547385E+03	1.406342E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.603E+05	1.219E+02
PSDF	EL STR	0	22801(3)	2.454710E+02	3.033571E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.804E+03	1.219E+02
PSDF	EL STR	0	22801(5)	1.281950E+03	1.459915E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.477E+05	1.049E+02

X AXIS PSD RESPONSE

X Y - C U T E U T S U M M A R Y (A U T O R P S D F)

PLOT TYPE	CURVE FRAME NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	MIN FOR ALL DATA	MAX FOR ALL DATA	MIN FOR ALL DATA	MAX FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX
PSDF EL STR	0	22801(7)	1.331054E+03	1.976212E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.000E+00	2.254E+05	1.056E+02
PSDF EL STR	0	2541(2)	3.065409E+03	1.599049E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.000E+00	4.322E+05	1.227E+02
PSDF EL STR	0	2541(6)	5.426035E+01	1.761341E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.000E+00	3.114E+02	1.220E+02
PSDF EL STR	0	2541(12)	3.061319E+03	1.594377E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.000E+00	4.306E+05	1.227E+02
PSDF EL STR	0	2597(2)	1.256925E+03	2.565334E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.000E+00	1.092E+05	1.049E+02
PSDF EL STR	0	2597(6)	6.043010E+01	1.549760E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.000E+00	3.543E+02	1.056E+02
PSDF EL STR	0	2597(12)	8.308675E+02	3.677229E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.000E+00	1.476E+04	1.049E+02

*** USER WARNING MESSAGE 979, AN XY-OUTPUT REQUEST FOR POINT OR ELEMENT ID 2558
-STRE- CURVE IS BEING PASSED OVER. THE ID COULD NOT BE FOUND IN DATA BLOCK 102

*** USER WARNING MESSAGE 979, AN XY-OUTPUT REQUEST FOR POINT OR ELEMENT ID 2558
-STRE- CURVE IS BEING PASSED OVER. THE ID COULD NOT BE FOUND IN DATA BLOCK 102

*** USER WARNING MESSAGE 979, AN XY-OUTPUT REQUEST FOR POINT OR ELEMENT ID 2558
-STRE- CURVE IS BEING PASSED OVER. THE ID COULD NOT BE FOUND IN DATA BLOCK 102

PSDF EL STR	0	2700(2)	1.410088E+03	2.849244E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.000E+00	8.131E+04	1.049E+02
PSDF EL STR	0	2700(6)	3.845931E+01	1.591485E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.000E+00	9.860E+01	1.220E+02
PSDF EL STR	0	2700(12)	8.453411E+02	1.711783E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.000E+00	3.342E+04	1.780E+02

*** USER WARNING MESSAGE 979, AN XY-OUTPUT REQUEST FOR POINT OR ELEMENT ID 2713
-STRE- CURVE IS BEING PASSED OVER. THE ID COULD NOT BE FOUND IN DATA BLOCK 102

*** USER WARNING MESSAGE 979, AN XY-OUTPUT REQUEST FOR POINT OR ELEMENT ID 2713
-STRE- CURVE IS BEING PASSED OVER. THE ID COULD NOT BE FOUND IN DATA BLOCK 102

*** USER WARNING MESSAGE 979, AN XY-OUTPUT REQUEST FOR POINT OR ELEMENT ID 2713
-STRE- CURVE IS BEING PASSED OVER. THE ID COULD NOT BE FOUND IN DATA BLOCK 102

PSDF EL STR	0	2716(2)	8.444252E+02	1.981454E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.000E+00	3.575E+04	1.049E+02
PSDF EL STR	0	2716(6)	1.097830E+02	1.624059E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.000E+00	1.262E+03	1.220E+02
PSDF EL STR	0	2716(12)	3.705591E+02	2.033555E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.000E+00	6.093E+03	1.730E+02
PSDF EL STR	0	2819(2)	1.027131E+02	2.169965E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.000E+00	8.326E+02	1.220E+02
PSDF EL STR	0	2819(6)	1.080714E+02	1.768557E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.000E+00	1.138E+03	1.220E+02
PSDF EL STR	0	2819(12)	2.082373E+02	1.257332E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.000E+00	4.852E+03	1.049E+02
PSDF EL STR	0	3302(2)	6.056952E+02	3.529275E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.000E+00	1.100E+04	1.220E+02
PSDF EL STR	0	3302(6)	1.754058E+01	1.794410E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.000E+00	3.375E+01	1.049E+02
PSDF EL STR	0	3302(12)	2.173075E+02	5.906193E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.000E+00	8.806E+02	4.960E+02

PSDF EL STR	0	3304(2)	3.738713E+02	3.695777E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.678E+03	1.820E+02
PSDF EL STR	0	3304(6)	1.083620E+02	1.939411E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.478E+03	1.049E+02
PSDF EL STR	0	3304(12)	3.374246E+02	3.709112E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.972E+03	2.820E+02
PSDF EL STR	0	3307(2)	2.623760E+02	2.569587E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.246E+03	1.049E+02
PSDF EL STR	0	3307(6)	8.535687E+01	1.415571E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.260E+02	1.220E+02

EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)

MARCH 2, 1996 MSC/NASTRAN 8/24/94 PAGE 118

X AXIS PSD RESPONSE

XY - O U T P U T S U M M A R Y (A U T C O R P S D F)

PLOT TYPE	CURVE TYPE	FRAME NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	MIN FOR		XMAX FOR		YMIN FOR		YMAX FOR		X FOR*	YMAX
						ALL DATA	ALL DATA	ALL DATA	ALL DATA	ALL DATA	ALL DATA	ALL DATA	ALL DATA		
PSDF	EL STR	0	3307(12)	7.322633E+01	2.403983E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.553E+02	1.220E+02	1.220E+02	1.220E+02		
PSDF	EL STR	0	9980(2)	1.282402E+03	2.295126E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.634E+04	2.400E+02	2.400E+02	2.400E+02		
PSDF	EL STR	0	9980(6)	4.243190E+01	1.356997E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.392E+02	1.056E+02	1.056E+02	1.056E+02		
PSDF	EL STR	0	9980(12)	4.388744E+02	2.497145E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.542E+03	2.400E+02	2.400E+02	2.400E+02		
PSDF	EL STR	0	9982(2)	6.880354E+02	2.423552E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.278E+04	1.227E+02	1.227E+02	1.227E+02		
PSDF	EL STR	0	9982(6)	1.878876E+02	1.862974E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.377E+03	1.227E+02	1.227E+02	1.227E+02		
PSDF	EL STR	0	9982(12)	9.016508E+02	2.547875E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.568E+04	1.227E+02	1.227E+02	1.227E+02		
PSDF	EL STR	0	9993(2)	3.745201E+03	1.450222E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.753E+06	1.049E+02	1.049E+02	1.049E+02		
PSDF	EL STR	0	9999(6)	1.611950E+02	1.873295E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.972E+03	1.220E+02	1.220E+02	1.220E+02		
PSDF	EL STR	0	9999(12)	2.065244E+03	1.480006E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.472E+05	1.049E+02	1.049E+02	1.049E+02		
PSDF	EL STR	0	22530(3)	2.600089E+03	1.159484E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.191E+05	1.056E+02	1.056E+02	1.056E+02		
PSDF	EL STR	0	22530(5)	1.330830E+03	1.181581E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.034E+05	1.049E+02	1.049E+02	1.049E+02		
PSDF	EL STR	0	22530(7)	1.622891E+03	1.220455E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.153E+05	1.049E+02	1.049E+02	1.049E+02		
PSDF	EL STR	0	22581(3)	8.227546E+02	1.397583E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.354E+04	1.049E+02	1.049E+02	1.049E+02		
PSDF	EL STR	0	22581(5)	3.450405E+02	1.262003E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.382E+04	1.220E+02	1.220E+02	1.220E+02		
PSDF	EL STR	0	22581(7)	9.417170E+02	1.190857E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.601E+04	1.219E+02	1.219E+02	1.219E+02		
PSDF	EL STR	0	22535(3)	2.871757E+03	1.133008E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.072E+05	1.056E+02	1.056E+02	1.056E+02		
PSDF	EL STR	0	22535(5)	6.339291E+02	1.314686E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.761E+04	1.049E+02	1.049E+02	1.049E+02		
PSDF	EL STR	0	22535(7)	9.426302E+02	1.390383E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.094E+04	1.220E+02	1.220E+02	1.220E+02		
PSDF	EL STR	0	22536(3)	4.709074E+03	1.123228E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.241E+05	1.056E+02	1.056E+02	1.056E+02		
PSDF	EL STR	0	22536(5)	2.035118E+03	1.216116E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.304E+05	1.056E+02	1.056E+02	1.056E+02		
PSDF	EL STR	0	22536(7)	1.253608E+03	1.309539E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.198E+05	1.049E+02	1.049E+02	1.049E+02		
PSDF	EL STR	0	22580(3)	3.891683E+03	1.129409E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.181E+06	1.049E+02	1.049E+02	1.049E+02		
PSDF	EL STR	0	22580(5)	4.270522E+02	1.297836E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.188E+04	1.049E+02	1.049E+02	1.049E+02		

EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)

MARCH 2, 1996 MSC/NASTRAN 8/24/94 PAGE 119

X AXIS PSD RESPONSE

XY-OUTPUT SUMMARY (AUTORPSDF)

PLOT TYPE	CURVE FRAME NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX
PSDF	EL STR	0	22580(7)	1.163987E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.843E+05	1.056E+02
PSDF	EL STR	0	22541(3)	2.196725E+03	1.124914E+02	1.000E-01	2.000E+03	1.000E+01	4.790E+05	1.056E+02
PSDF	EL STR	0	22541(5)	7.399988E+02	1.293706E+02	1.000E-01	2.000E+03	1.000E+01	6.362E+04	1.056E+02
PSDF	EL STR	0	22541(7)	1.298580E+03	1.346478E+02	1.000E-01	2.000E+03	1.000E+01	2.046E+05	1.220E+02
PSDF	EL STR	0	22542(3)	2.939976E+03	1.113026E+02	1.000E-01	2.000E+03	1.000E+01	9.587E+05	1.056E+02
PSDF	EL STR	0	22542(5)	1.225642E+03	1.086137E+02	1.000E-01	2.000E+03	1.000E+01	2.116E+05	1.056E+02
PSDF	EL STR	0	22542(7)	1.490276E+03	1.263326E+02	1.000E-01	2.000E+03	1.000E+01	2.419E+05	1.220E+02
PSDF	EL STR	0	22579(3)	3.453024E+03	1.218720E+02	1.000E-01	2.000E+03	1.000E+01	9.185E+05	1.056E+02
PSDF	EL STR	0	22579(5)	2.396893E+02	1.510962E+02	1.000E-01	2.000E+03	1.000E+01	6.908E+03	1.220E+02
PSDF	EL STR	0	22579(7)	8.504269E+02	1.113493E+02	1.000E-01	2.000E+03	1.000E+01	8.918E+04	1.056E+02
PSDF	EL STR	0	22593(3)	4.873379E+03	1.111596E+02	1.000E+01	2.000E+03	1.000E+01	2.602E+06	1.056E+02
PSDF	EL STR	0	22593(5)	7.626271E+01	1.387700E+02	1.000E+01	2.000E+03	1.000E+01	7.600E+02	1.049E+02
PSDF	EL STR	0	22593(7)	2.468424E+02	1.564126E+02	1.000E+01	2.000E+03	1.000E+01	6.118E+03	1.056E+02
PSDF	EL STR	0	22594(3)	5.221340E+03	1.112551E+02	1.000E+01	2.000E+03	1.000E+01	3.099E+06	1.056E+02
PSDF	EL STR	0	22594(5)	5.913069E+02	1.190747E+02	1.000E+01	2.000E+03	1.000E+01	4.931E+04	1.056E+02
PSDF	EL STR	0	22594(7)	3.444516E+02	1.313401E+02	1.000E-01	2.000E+03	1.000E+01	1.383E+04	1.056E+02
PSDF	EL STR	0	22547(3)	1.261406E+03	1.129733E+02	1.000E-01	2.000E+03	1.000E+01	1.653E+05	1.056E+02
PSDF	EL STR	0	22547(5)	1.009716E+03	1.219251E+02	1.000E-01	2.000E+03	1.000E+01	1.119E+05	1.056E+02
PSDF	EL STR	0	22547(7)	1.415613E+03	1.219156E+02	1.000E-01	2.000E+03	1.000E+01	2.024E+05	1.219E+02
PSDF	EL STR	0	22548(3)	7.389964E+02	1.133226E+02	1.000E-01	2.000E+03	1.000E+01	5.875E+04	1.056E+02
PSDF	EL STR	0	22548(5)	1.046934E+03	1.209675E+02	1.000E-01	2.000E+03	1.000E+01	1.143E+05	1.056E+02
PSDF	EL STR	0	22548(7)	1.551986E+03	1.269733E+02	1.000E-01	2.000E+03	1.000E+01	2.622E+05	1.219E+02
PSDF	EL STR	0	22584(3)	1.421773E+02	1.200308E+02	1.000E-01	2.000E+03	1.000E+01	2.707E+03	1.056E+02
PSDF	EL STR	0	22584(5)	1.865003E+03	1.381343E+02	1.000E-01	2.000E+03	1.000E+01	3.165E+05	1.219E+02

X AXIS PSD RESPONSE

X Y - O U T P U T S U M M A R Y (A T T C O R P S D F)

PLOT TYPE	CURVE FRAME NO.	CURVE ID.	RMS VALUE	NC. POSITIVE CROSSINGS	YMIN FOR ALL DATA	YMAX FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX	
PSDF EL STR	0	22584(7)	7.046209E+02	1.140513E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.810E+04	1.056E+02
PSDF EL STR	0	22587(3)	1.265702E+02	1.588373E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.124E+03	1.049E+02
PSDF EL STR	0	22587(5)	4.360828E+02	1.454627E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.184E+04	1.056E+02
PSDF EL STR	0	22587(7)	2.979442E+02	1.229615E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	6.604E+03	1.219E+02
PSDF EL STR	0	22588(3)	3.157790E+02	1.434539E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.313E+04	1.049E+02
PSDF EL STR	0	22588(5)	3.791193E+02	1.248600E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.479E+04	1.056E+02
PSDF EL STR	0	22588(7)	6.454370E+02	1.339337E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	5.853E+04	1.049E+02
PSDF EL STR	0	22605(3)	3.844774E+02	1.595991E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.735E+04	1.220E+02
PSDF EL STR	0	22605(5)	2.442597E+01	1.477920E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	6.722E+01	1.220E+02
PSDF EL STR	0	22605(7)	4.176029E+01	1.485876E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.921E+02	1.056E+02
PSDF EL STR	0	22623(3)	2.481592E+02	2.085594E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	6.687E+03	1.220E+02
PSDF EL STR	0	22628(5)	1.502426E+01	2.524969E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.282E+01	1.220E+02
PSDF EL STR	0	22628(7)	6.867628E+01	1.689615E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	5.097E+02	1.056E+02
PSDF EL STR	0	22637(3)	5.981719E+02	1.312655E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.006E+04	1.219E+02
PSDF EL STR	0	22637(5)	3.323041E+02	1.329176E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.374E+04	1.220E+02
PSDF EL STR	0	22637(7)	2.338082E+02	1.369769E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	6.731E+03	1.220E+02
PSDF EL STR	0	22638(3)	2.229667E+02	1.615840E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	5.927E+03	1.220E+02
PSDF EL STR	0	22638(5)	3.681362E+02	1.383732E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.670E+04	1.220E+02
PSDF EL STR	0	22638(7)	8.943079E+02	1.349406E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	9.806E+04	1.220E+02
PSDF EL STR	0	22705(3)	9.328209E+02	1.111452E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.146E+05	1.049E+02
PSDF EL STR	0	22705(5)	3.217614E+02	1.254043E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.257E+04	1.220E+02
PSDF EL STR	0	22705(7)	1.611280E+02	1.281039E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.904E+03	1.220E+02
PSDF EL STR	0	22706(3)	9.259335E+02	1.167386E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.223E+05	1.056E+02
PSDF EL STR	0	22706(5)	4.735853E+02	1.289685E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.734E+04	1.220E+02

EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)

MARCH 2, 1995 MSC/NASTRAN 8/24/94 PAGE 121

X AXIS PSD RESPONSE

X Y - O U T P U T S U M M A R Y (A U T O R P S D F)

PLOT TYPE	CURVE FRAME TYPE	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX
PSDF EL STR	0	22706(7)	4.753451E+02	1.468692E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.408E+04	1.220E+02
PSDF EL STR	0	22654(3)	1.014284E+03	1.129334E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.257E+05	1.049E+02
PSDF EL STR	0	22654(5)	1.345443E+02	1.294025E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.168E+03	1.220E+02
PSDF EL STR	0	22654(7)	9.412230E+01	1.865885E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.993E+02	1.049E+02
PSDF EL STR	0	22655(3)	1.130677E+03	1.106116E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.746E+05	1.049E+02
PSDF EL STR	0	22655(5)	1.235800E+02	1.219778E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.192E+03	1.219E+02
PSDF EL STR	0	22655(7)	6.128216E+01	1.557345E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.715E+02	1.220E+02
PSDF EL STR	0	22658(3)	2.951289E+02	1.220071E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.758E+03	1.219E+02
PSDF EL STR	0	22658(5)	1.590381E+02	1.260955E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.132E+03	1.220E+02
PSDF EL STR	0	22658(7)	9.486884E+01	1.281534E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.321E+02	1.220E+02
PSDF EL STR	0	22689(3)	2.270751E+03	1.267111E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.114E+05	1.056E+02
PSDF EL STR	0	22689(5)	6.589307E+02	1.273241E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.058E+04	1.220E+02
PSDF EL STR	0	22689(7)	4.111563E+02	1.585613E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.002E+04	1.049E+02
PSDF EL STR	0	22688(3)	1.969931E+03	1.297941E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.765E+05	1.220E+02
PSDF EL STR	0	22688(5)	3.361582E+02	1.236693E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.563E+04	1.219E+02
PSDF EL STR	0	22688(7)	2.016180E+02	1.984668E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.450E+03	1.219E+02
PSDF EL STR	0	22687(3)	2.491353E+03	1.283646E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.472E+05	1.220E+02
PSDF EL STR	0	22687(5)	1.109955E+02	1.599951E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.221E+03	1.220E+02
PSDF EL STR	0	22687(7)	5.070536E+02	1.312293E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.115E+04	1.220E+02
PSDF EL STR	0	22702(3)	1.349538E+02	1.731577E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.169E+03	1.220E+02
PSDF EL STR	0	22702(5)	1.000584E+02	1.245461E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.351E+03	1.049E+02
PSDF EL STR	0	22702(7)	6.274741E+01	1.478383E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.179E+02	1.049E+02
PSDF EL STR	0	22407(3)	2.354665E+03	1.267551E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.475E+05	1.220E+02
PSDF EL STR	0	22407(5)	2.717597E+02	2.106331E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.561E+03	1.056E+02

EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)

MARCH 2, 1996 VSC/NASTRAN 8/24/94 PAGE 122

X AXIS PSD RESPONSE

X Y - O U T P U T S U M M A R Y (A U T C O R E S D F)

<div> <div> PLOT TYPE</div> <div>CURVE FRAME NO.</div> </div> <div> <div>CURVE ID.</div> <div>7</div> </div>	<div> <div>0</div> <div>22407</div> </div>	<div> <div>PSDF EL STR</div> <div>7</div> </div>	<div> <div>RMS VALUE</div> <div>4.768873E+02</div> </div>	<div> <div>NO. POSITIVE CROSSINGS</div> <div>1.309428E+02</div> </div>	<div> <div>YMIN FOR ALL DATA</div> <div>1.000E+01</div> </div>	<div> <div>YMAX FOR ALL DATA</div> <div>2.000E+03</div> </div>	<div> <div>X FOR YMIN</div> <div>1.000E+01</div> </div>	<div> <div>YMAX FOR ALL DATA</div> <div>2.203E+04</div> </div>	<div> <div>X FOR YMAX</div> <div>1.049E+02</div> </div>
PSDF EL STR	0	22407	4.768873E+02	1.309428E+02	1.000E+01	2.000E+03	1.000E+01	2.203E+04	1.049E+02
PSDF EL STR	0	22686	3.593666E+03	1.263499E+02	1.000E+01	2.000E+03	1.000E+01	1.386E+06	1.220E+02
PSDF EL STR	0	22686	5.500324E+02	1.331624E+02	1.000E+01	2.000E+03	1.000E+01	3.422E+04	1.220E+02
PSDF EL STR	0	22686	2.324053E+02	2.237357E+02	1.000E+01	2.000E+03	1.000E+01	5.605E+03	1.220E+02
PSDF EL STR	0	22372	6.267407E+02	1.283922E+02	1.000E+01	2.000E+03	1.000E+01	3.355E+04	1.220E+02
PSDF EL STR	0	22372	3.499048E+02	1.589478E+02	1.000E+01	2.000E+03	1.000E+01	1.376E+04	1.220E+02
PSDF EL STR	0	22372	1.093245E+03	1.326323E+02	1.000E+01	2.000E+03	1.000E+01	1.457E+05	1.220E+02
PSDF EL STR	0	22371	1.352410E+03	1.269411E+02	1.000E+01	2.000E+03	1.000E+01	1.993E+05	1.220E+02
PSDF EL STR	0	22371	1.238916E+03	1.277866E+02	1.000E+01	2.000E+03	1.000E+01	1.735E+05	1.220E+02
PSDF EL STR	0	22371	9.568586E+02	1.495188E+02	1.000E+01	2.000E+03	1.000E+01	7.237E+04	1.220E+02
PSDF EL STR	0	22351	3.313736E+02	1.388965E+02	1.000E+01	2.000E+03	1.000E+01	1.513E+04	1.049E+02
PSDF EL STR	0	22351	1.757676E+02	2.517189E+02	1.000E+01	2.000E+03	1.000E+01	2.503E+03	1.220E+02
PSDF EL STR	0	22351	4.150754E+02	1.431347E+02	1.000E+01	2.000E+03	1.000E+01	1.470E+04	1.220E+02
PSDF EL STR	0	22379	7.827472E+02	1.276699E+02	1.000E+01	2.000E+03	1.000E+01	7.615E+04	1.220E+02
PSDF EL STR	0	22379	1.951409E+02	1.871033E+02	1.000E+01	2.000E+03	1.000E+01	4.016E+03	1.220E+02
PSDF EL STR	0	22379	5.910468E+02	1.191927E+02	1.000E+01	2.000E+03	1.000E+01	5.063E+04	1.049E+02
PSDF EL STR	0	26416	1.583770E+02	1.744438E+02	1.000E+01	2.000E+03	1.000E+01	2.556E+03	1.220E+02
PSDF EL STR	0	26416	1.181001E+02	1.702796E+02	1.000E+01	2.000E+03	1.000E+01	1.607E+03	1.220E+02
PSDF EL STR	0	26416	2.895807E+02	1.304340E+02	1.000E+01	2.000E+03	1.000E+01	1.098E+04	1.036E+02
PSDF EL STR	0	26417	2.105755E+02	1.308445E+02	1.000E+01	2.000E+03	1.000E+01	6.233E+03	1.036E+02
PSDF EL STR	0	26417	1.940327E+02	2.028204E+02	1.000E+01	2.000E+03	1.000E+01	3.182E+03	1.220E+02
PSDF EL STR	0	26417	2.693326E+02	1.274484E+02	1.000E+01	2.000E+03	1.000E+01	8.652E+03	1.036E+02
PSDF EL STR	0	26418	8.100153E+01	1.992136E+02	1.000E+01	2.000E+03	1.000E+01	5.238E+02	1.220E+02
PSDF EL STR	0	26418	7.582901E+01	1.986130E+02	1.000E+01	2.000E+03	1.000E+01	5.871E+02	1.220E+02

EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 G RMS)

MARCH 2, 1996 KSC/NASTRAN 8/24/94 PAGE 123

X AXIS PSD RESPONSE

XY - C U T E U T S U M M A R Y (A U T C O R P S D F)

PLOT TYPE	CURVE FRAME NO.	CURVE ID.	RMS VALUE	NC. POSITIVE CROSSINGS	MIN FOR ALL DATA	MAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX
PSDF	EL STR	0	26418(7)	2.669647E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	6.555E+03	1.056E+02
PSDF	EL STR	0	26419(3)	0.000000E+00	1.000E+01	2.000E+03	0.000E+00	1.000E+01	0.000E+00	1.000E+01
PSDF	EL STR	0	26419(5)	0.000000E+00	1.000E-01	2.000E+03	0.000E+00	1.000E+01	0.000E+00	1.000E+01
PSDF	EL STR	0	26419(7)	3.168282E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.098E+03	4.060E+02
PSDF	EL STR	0	26420(3)	0.000000E+00	1.000E-01	2.000E+03	0.000E+00	1.000E+01	0.000E+00	1.000E+01
PSDF	EL STR	0	26420(5)	0.000000E+00	1.000E-01	2.000E+03	0.000E+00	1.000E+01	0.000E+00	1.000E+01
PSDF	EL STR	0	26420(7)	9.497292E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.839E+04	1.220E+02
PSDF	EL STR	0	26421(3)	9.705267E+01	1.000E-01	2.000E+03	0.000E+00	1.000E+01	6.446E+02	1.056E+02
PSDF	EL STR	0	26421(5)	3.617220E+01	1.000E-01	2.000E+03	0.000E+00	1.000E+01	6.236E+01	1.780E+02
PSDF	EL STR	0	26421(7)	2.718487E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	5.780E+03	1.056E+02
PSDF	EL STR	0	26422(3)	4.366691E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.472E+04	1.049E+02
PSDF	EL STR	0	26422(5)	8.246820E+01	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.959E+02	1.220E+02
PSDF	EL STR	0	26422(7)	3.214016E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	9.162E+03	1.056E+02
PSDF	EL STR	0	26423(3)	9.398261E+01	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.968E+02	1.056E+02
PSDF	EL STR	0	26423(5)	2.012946E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.352E+03	1.219E+02
PSDF	EL STR	0	26423(7)	2.285939E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	5.574E+03	1.056E+02
PSDF	EL STR	0	26424(3)	1.911873E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.190E+03	1.220E+02
PSDF	EL STR	0	26424(5)	6.303824E+01	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.683E+02	1.220E+02
PSDF	EL STR	0	26424(7)	2.573476E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	6.271E+03	1.049E+02
PSDF	EL STR	0	26425(3)	5.859300E+01	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.745E+02	1.056E+02
PSDF	EL STR	0	26425(5)	3.485320E+01	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.438E+01	1.219E+02
PSDF	EL STR	0	26425(7)	2.390320E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.599E+03	1.049E+02
PSDF	EL STR	0	26426(3)	7.768421E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.919E+02	1.220E+02
PSDF	EL STR	0	26426(5)	3.341206E+01	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.767E+01	1.220E+02

X AXIS PSD RESPONSE

X Y - O U T P U T S U M M A R Y (A U T C O R P S D F)

PLOT TYPE	CURVE FRAME NC.	CURVE ID.	RMS VALUE	NC. POSITIVE CROSSINGS	MIN FOR ALL DATA	MAX FOR ALL DATA	MIN FOR ALL DATA	MAX FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX
PSDF	EL STR	0	26426(7)	2.219512E+02	1.511359E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.935E+03	1.049E+02
PSDF	EL STR	0	26427(3)	4.053752E+02	1.403154E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.760E+04	1.220E+02
PSDF	EL STR	0	26427(5)	1.881515E+02	1.980133E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.642E+03	1.219E+02
PSDF	EL STR	0	26427(7)	3.100398E+02	1.476558E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	9.547E+03	1.049E+02
PSDF	EL STR	0	26428(3)	3.519603E+02	1.560851E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.301E+04	1.220E+02
PSDF	EL STR	0	26428(5)	3.467859E+02	2.452037E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.927E+03	1.220E+02
PSDF	EL STR	0	26428(7)	2.444286E+02	1.424026E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	6.232E+03	1.049E+02
PSDF	EL STR	0	26429(3)	3.030600E+02	1.503850E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	9.588E+03	1.220E+02
PSDF	EL STR	0	26429(5)	5.227809E+01	2.139368E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.379E+02	1.790E+02
PSDF	EL STR	0	26429(7)	2.222957E+02	1.734305E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.831E+03	1.049E+02
PSDF	EL STR	0	26430(3)	0.000000E+00	0.000000E+00	1.000E-01	2.000E+03	0.000E+00	1.000E+01	0.000E+00	1.000E+01
PSDF	EL STR	0	26430(5)	0.000000E+00	0.000000E+00	1.000E-01	2.000E+03	0.000E+00	1.000E+01	0.000E+00	1.000E+01
PSDF	EL STR	0	26430(7)	5.136432E+02	2.256588E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.443E+04	1.049E+02
PSDF	EL STR	0	26431(3)	0.000000E+00	0.000000E+00	1.000E-01	2.000E+03	0.000E+00	1.000E+01	0.000E+00	1.000E+01
PSDF	EL STR	0	26431(5)	0.000000E+00	0.000000E+00	1.000E-01	2.000E+03	0.000E+00	1.000E+01	0.000E+00	1.000E+01
PSDF	EL STR	0	26431(7)	6.485859E+02	1.603541E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.584E+04	1.049E+02
PSDF	EL STR	0	26432(3)	0.000000E+00	0.000000E+00	1.000E-01	2.000E+03	0.000E+00	1.000E+01	0.000E+00	1.000E+01
PSDF	EL STR	0	26432(5)	0.000000E+00	0.000000E+00	1.000E-01	2.000E+03	0.000E+00	1.000E+01	0.000E+00	1.000E+01
PSDF	EL STR	0	26432(7)	1.179891E+03	1.680365E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.116E+05	1.049E+02
PSDF	EL STR	0	26433(3)	0.000000E+00	0.000000E+00	1.000E-01	2.000E+03	0.000E+00	1.000E+01	0.000E+00	1.000E+01
PSDF	EL STR	0	26433(5)	0.000000E+00	0.000000E+00	1.000E-01	2.000E+03	0.000E+00	1.000E+01	0.000E+00	1.000E+01
PSDF	EL STR	0	26433(7)	9.522692E+02	1.625934E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	9.911E+04	1.220E+02
PSDF	EL STR	0	26434(3)	0.000000E+00	0.000000E+00	1.000E-01	2.000E+03	0.000E+00	1.000E+01	0.000E+00	1.000E+01
PSDF	EL STR	0	26434(5)	0.000000E+00	0.000000E+00	1.000E-01	2.000E+03	0.000E+00	1.000E+01	0.000E+00	1.000E+01

ECS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)

MARCH 2, 1995 MSC/NASTRAN 8/24/94 PAGE 125

X AXIS PSD RESPONSE

X Y - O U T P U T S U M M A R Y (A U T O R P S D F)

PLOT TYPE	CURVE TYPE	FRAME NO.	CURVE ID.	RMS VALUE	NC. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX
PSDF	EL STR	0	26434(7)	1.090204E+03	2.453550E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	3.259E+04	1.220E+02
PSDF	EL STR	0	26435(3)	0.000000E+00	0.000000E+00	1.000E-01	2.000E-03	0.000E+00	1.000E+01	0.000E+00	1.000E+01
PSDF	EL STR	0	26435(5)	0.000000E+00	0.000000E+00	1.000E-01	2.000E-03	0.000E+00	1.000E+01	0.000E+00	1.000E+01
PSDF	EL STR	0	26435(7)	6.410240E+02	2.234528E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	1.312E+04	1.220E+02
PSDF	EL STR	0	26436(3)	1.169341E+02	1.850563E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	9.246E+02	1.227E+02
PSDF	EL STR	0	26436(5)	1.475559E+02	1.727038E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	2.383E+03	1.220E+02
PSDF	EL STR	0	26436(7)	1.532988E+02	1.649785E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	1.832E+03	1.219E+02
PSDF	EL STR	0	26437(3)	2.207537E+02	1.302375E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	4.582E+03	1.056E+02
PSDF	EL STR	0	26437(5)	1.773995E+02	1.389110E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	3.710E+03	1.056E+02
PSDF	EL STR	0	26437(7)	1.304749E+02	1.564557E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	1.737E+03	1.220E+02
PSDF	EL STR	0	26438(3)	6.203960E+01	2.374508E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	2.921E+02	1.056E+02
PSDF	EL STR	0	26438(5)	1.509987E+02	1.489675E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	2.678E+03	1.220E+02
PSDF	EL STR	0	26438(7)	1.976264E+02	1.577574E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	3.347E+03	1.220E+02
PSDF	EL STR	0	26439(3)	1.455220E+02	2.039834E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	1.199E+03	1.220E+02
PSDF	EL STR	0	26439(5)	3.264565E+02	1.393386E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	1.006E+04	1.219E+02
PSDF	EL STR	0	26439(7)	3.415705E+01	1.698267E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	5.432E+02	1.227E+02
PSDF	EL STR	0	26440(3)	7.742370E+01	1.770348E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	6.018E+02	1.220E+02
PSDF	EL STR	0	26440(5)	7.793873E+01	2.904677E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	4.233E+02	1.056E+02
PSDF	EL STR	0	26440(7)	1.669464E+02	1.791201E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	2.556E+03	1.220E+02
PSDF	EL STR	0	26441(3)	1.215858E+02	4.137486E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	7.867E+02	1.220E+02
PSDF	EL STR	0	26441(5)	2.143525E+02	2.066311E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	4.356E+03	1.220E+02
PSDF	EL STR	0	26441(7)	5.401952E+01	2.527323E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	4.969E+02	1.049E+02
PSDF	EL STR	0	26442(3)	7.415126E+01	3.293791E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	4.121E+02	1.227E+02
PSDF	EL STR	0	26442(5)	1.523035E+02	1.819276E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	2.499E+03	1.220E+02

X AXIS PSD RESPONSE

X Y - O U T P U T S U M M A R Y (A U T C O R P S D F)

PLOT TYPE	CURVE FRAME NO.	RMS VALUE	NO. POSITIVE CROSSINGS	YMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX
PSDF EL STR	0	26442(7)	1.172416E+02	1.982903E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.550E+02 1.219E+02
PSDF EL STR	0	26443(3)	7.086728E+01	2.124949E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.941E+02 1.056E+02
PSDF EL STR	0	26443(5)	1.234223E+02	1.545666E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.569E+03 1.220E+02
PSDF EL STR	0	26443(7)	1.880330E+02	1.669049E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.928E+03 1.220E+02
PSDF EL STR	0	26444(3)	5.134230E+01	4.933344E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.849E+02 1.049E+02
PSDF EL STR	0	26444(5)	1.597074E+02	1.649115E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.738E+03 1.220E+02
PSDF EL STR	0	26444(7)	1.654758E+02	1.718064E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.836E+03 1.219E+02
PSDF EL STR	0	26445(3)	7.860632E+01	2.873684E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.927E+02 1.049E+02
PSDF EL STR	0	26445(5)	9.6514-0E+01	2.385845E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.010E+02 1.220E+02
PSDF EL STR	0	26445(7)	1.010890E+02	2.262997E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.283E+02 1.056E+02
PSDF EL STR	0	26446(3)	6.794077E+01	3.446256E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.669E+02 1.049E+02
PSDF EL STR	0	26446(5)	1.584846E+02	1.727244E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.083E+03 1.220E+02
PSDF EL STR	0	26446(7)	1.235594E+02	2.040680E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.517E+03 1.056E+02
PSDF EL STR	0	26447(3)	6.119682E+01	3.212753E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.203E+02 1.220E+02
PSDF EL STR	0	26447(5)	1.771988E+02	1.880479E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.575E+03 1.220E+02
PSDF EL STR	0	26447(7)	1.415889E+02	2.075240E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.363E+03 1.049E+02
PSDF EL STR	0	26448(3)	1.214710E+02	2.274180E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.293E+03 1.220E+02
PSDF EL STR	0	26448(5)	8.103051E+01	4.451474E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.337E+02 1.220E+02
PSDF EL STR	0	26448(7)	1.207884E+02	2.105259E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.457E+03 1.056E+02
PSDF EL STR	0	26449(3)	1.116983E+02	2.584059E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.474E+02 1.049E+02
PSDF EL STR	0	26449(5)	8.699358E+01	5.513315E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.503E+02 1.049E+02
PSDF EL STR	0	26449(7)	1.167453E+02	2.674881E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.480E+03 1.049E+02
PSDF EL STR	0	26450(3)	1.665201E+02	2.320510E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.730E+03 1.056E+02
PSDF EL STR	0	26450(5)	3.485157E+02	2.979074E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.053E+03 1.780E+02

EOS/AMSC-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)

X AXIS PSD RESPONSE

XY-CUTPUT SUMMARY (AUTO OR P S D F)

PLOT TYPE	CURVE FRAME NC.	CURVE ID.	RMS VALUE	NC. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX
PSDF EL STR	0	26450(7)	2.975506E+02	1.420626E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.768E+03	1.219E+02
PSDF EL STR	0	26451(3)	5.175563E+02	1.887266E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.164E+04	1.049E+02
PSDF EL STR	0	26451(5)	6.873320E+02	2.028922E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.618E+04	1.220E+02
PSDF EL STR	0	26451(7)	1.896562E+02	1.342905E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.226E+03	1.219E+02
PSDF EL STR	0	26452(3)	1.967912E+02	1.792467E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.223E+03	1.049E+02
PSDF EL STR	0	26452(5)	2.263124E+02	1.618270E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.499E+03	1.056E+02
PSDF EL STR	0	26452(7)	3.058909E+02	1.206209E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.077E+04	1.056E+02
PSDF EL STR	0	26453(3)	2.069451E+02	1.313994E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.408E+03	1.056E+02
PSDF EL STR	0	26453(5)	1.581730E+02	2.876982E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.117E+02	1.219E+02
PSDF EL STR	0	26453(7)	2.757795E+02	1.577225E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.208E+03	1.220E+02
PSDF EL STR	0	26454(3)	1.391549E+02	2.059840E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.742E+03	1.056E+02
PSDF EL STR	0	26454(5)	1.800113E+02	2.210049E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.307E+03	1.049E+02
PSDF EL STR	0	26454(7)	3.298712E+02	1.452126E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.401E+03	1.219E+02
PSDF EL STR	0	26455(3)	3.587846E+02	1.725368E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.045E+04	1.220E+02
PSDF EL STR	0	26455(5)	1.579386E+02	2.102089E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.275E+03	1.049E+02
PSDF EL STR	0	26455(7)	3.167298E+02	1.303710E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.699E+03	1.056E+02
PSDF EL STR	0	26456(3)	2.003494E+02	1.589540E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.638E+03	1.219E+02
PSDF EL STR	0	26456(5)	9.595684E+01	2.128508E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.727E+02	1.049E+02
PSDF EL STR	0	26456(7)	3.215880E+02	1.323866E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.225E+03	1.056E+02
PSDF EL STR	0	26457(3)	1.220343E+02	2.459536E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.708E+02	1.220E+02
PSDF EL STR	0	26457(5)	3.807766E+02	1.517014E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.623E+04	1.220E+02
PSDF EL STR	0	26457(7)	2.839012E+02	1.332257E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.763E+03	1.219E+02
PSDF EL STR	0	26458(3)	3.269851E+02	3.030977E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.555E+03	1.220E+02
PSDF EL STR	0	26458(5)	4.047740E+02	1.909606E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.164E+04	1.220E+02

X AXIS PSD RESPONSE

X Y - O U T P U T S U M M A R Y (A U T C O R P S D F)

PLOT TYPE	CURVE FRAME NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX
PSDF EL STR	0	26458(7)	2.407051E+02	1.413055E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	4.108E+03	1.056E+02
PSDF EL STR	0	26459(3)	3.715824E+02	1.493654E+02	1.000E+01	2.000E-03	0.000E+00	1.000E+01	1.594E+04	1.220E+02
PSDF EL STR	0	26459(5)	2.923799E+02	1.386893E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	8.069E+03	1.220E+02
PSDF EL STR	0	26459(7)	3.640494E+02	1.273786E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	1.261E+04	1.219E+02
PSDF EL STR	0	26460(3)	9.743752E+01	2.252341E+02	1.000E-01	2.000E-03	0.000E-00	1.000E+01	1.013E+03	1.049E+02
PSDF EL STR	0	26460(5)	2.270950E+02	2.895663E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	1.345E+03	2.990E+02
PSDF EL STR	0	26460(7)	2.364596E+02	1.649700E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	4.634E+03	1.056E+02
PSDF EL STR	0	26461(3)	2.943139E+02	1.969142E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	7.624E+03	1.056E+02
PSDF EL STR	0	26461(5)	1.967307E+02	2.115636E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	3.589E+03	1.056E+02
PSDF EL STR	0	26461(7)	1.194693E+02	1.821102E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	1.631E+03	1.220E+02
PSDF EL STR	0	26462(3)	2.808822E+02	2.368959E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	6.156E+03	1.220E+02
PSDF EL STR	0	26462(5)	2.514992E+02	2.570265E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	3.628E+03	1.049E+02
PSDF EL STR	0	26462(7)	2.579736E+02	1.612598E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	6.457E+03	1.220E+02
PSDF EL STR	0	26463(3)	2.020012E+02	2.704895E+02	1.000E-01	2.000E-03	0.000E-00	1.000E+01	1.188E+03	1.056E+02
PSDF EL STR	0	26463(5)	3.423761E+02	2.608120E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	7.076E+03	1.220E+02
PSDF EL STR	0	26463(7)	1.759377E+02	1.455741E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	3.656E+03	1.220E+02
PSDF EL STR	0	26464(3)	8.595097E+01	3.798971E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	2.015E+02	1.049E+02
PSDF EL STR	0	26464(5)	1.921049E+02	1.449333E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	4.373E+03	1.220E+02
PSDF EL STR	0	26464(7)	3.104169E+02	1.323479E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	7.157E+03	1.219E+02
PSDF EL STR	0	26465(3)	1.864482E+02	2.459807E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	2.583E+03	1.219E+02
PSDF EL STR	0	26465(5)	2.370479E+02	3.461665E+02	1.000E+01	2.000E-03	0.000E+00	1.000E+01	1.654E+03	2.980E+02
PSDF EL STR	0	26465(7)	2.114377E+02	1.773031E+02	1.000E-01	2.000E-03	0.000E-00	1.000E+01	3.500E+03	1.220E+02
PSDF EL STR	0	26466(3)	3.215296E+02	2.679818E+02	1.000E+01	2.000E-03	0.000E-00	1.000E+01	2.637E+03	2.700E+02
PSDF EL STR	0	26466(5)	6.100740E+02	2.200488E+02	1.000E+01	2.000E-03	0.000E+00	1.000E+01	2.069E+04	1.220E+02

ECS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)

X AXIS PSD RESPONSE

X Y - O U T P U T S U M M A R Y (A U T C O R P S D F)

PLOT TYPE	CURVE FRAME NO.	CURVE ID.	RMS VALUE	NC. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX
PSDF EL STR	0	26466(7)	1.658476E+02	1.602479E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.540E+03	1.056E+02
PSDF EL STR	0	26467(3)	3.911167E+02	2.817990E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.981E+03	2.700E+02
PSDF EL STR	0	26467(5)	5.144950E+02	2.241762E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.393E+04	1.220E+02
PSDF EL STR	0	26467(7)	2.123085E+02	2.319415E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.139E+03	1.056E+02
PSDF EL STR	0	26468(3)	3.551313E+01	3.507904E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.315E+02	1.056E+02
PSDF EL STR	0	26468(5)	3.893352E+02	1.417438E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.516E+04	1.220E+02
PSDF EL STR	0	26468(7)	2.367390E+02	1.904241E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.735E+03	1.056E+02
PSDF EL STR	0	26469(3)	1.286077E+02	2.790650E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.417E+02	1.220E+02
PSDF EL STR	0	26469(5)	4.001180E+02	2.901931E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.658E+03	2.700E+02
PSDF EL STR	0	26469(7)	1.892710E+02	2.138236E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.232E+03	1.049E+02
PSDF EL STR	0	26470(3)	3.655740E+02	2.675307E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.757E+03	1.049E+02
PSDF EL STR	0	26470(5)	1.996185E+02	3.077835E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.098E+03	1.056E+02
PSDF EL STR	0	26470(7)	1.785444E+02	1.827529E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.856E+03	1.220E+02
PSDF EL STR	0	26471(3)	2.479976E+02	2.844250E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.301E+03	1.049E+02
PSDF EL STR	0	26471(5)	1.680615E+02	3.664795E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.138E+03	1.056E+02
PSDF EL STR	0	26471(7)	1.875558E+02	1.883626E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.612E+03	1.220E+02
PSDF EL STR	0	26472(3)	3.901063E+02	2.530717E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.554E+03	1.049E+02
PSDF EL STR	0	26472(5)	6.638572E+02	2.725379E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.116E+04	2.700E+02
PSDF EL STR	0	26472(7)	3.019251E+02	2.415861E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.897E+03	1.056E+02
PSDF EL STR	0	26473(3)	2.859235E+02	2.758223E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.007E+03	2.700E+02
PSDF EL STR	0	26473(5)	5.324929E+02	1.470662E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.278E+04	1.220E+02
PSDF EL STR	0	26473(7)	2.143943E+02	2.033275E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.208E+03	1.056E+02
PSDF EL FOR	0	22813(2)	4.529949E+01	1.251395E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.497E+02	1.220E+02
PSDF EL FOR	0	22813(3)	1.264920E+02	1.303616E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.966E+03	1.220E+02

X AXIS PSD RESPONSE

X Y - O U T P U T S U M M A R Y (A T O O R P S D F)

PLOT TYPE	CURVE FRAME NO.	CURVE ID.	RMS VALUE	NC. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX
PSDF EL FOR	0	22813(5)	7.039011E+02	1.136509E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.833E-04	1.056E+02
PSDF EL FOR	0	22813(5)	1.662422E+01	1.102126E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.323E-03	1.056E+02
PSDF EL FOR	0	22813(8)	2.764015E+02	1.218467E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.269E-05	1.219E+02
PSDF EL FOR	0	22813(9)	9.381065E+01	1.087933E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.150E-01	1.056E+02
PSDF EL FOR	0	22815(2)	2.441306E+01	1.377067E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.717E+01	1.219E+02
PSDF EL FOR	0	22815(3)	1.342014E+02	1.246251E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.258E+03	1.220E+02
PSDF EL FOR	0	22315(5)	3.811841E+02	2.022922E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.495E-04	1.056E+02
PSDF EL FOR	0	22815(6)	3.202232E+01	1.117279E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.199E-02	1.056E+02
PSDF EL FOR	0	22815(8)	1.658132E+01	1.367180E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.107E-03	1.219E+02
PSDF EL FOR	0	22815(9)	3.967520E+01	1.141588E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.981E-02	1.056E+02
PSDF EL FOR	0	22806(2)	2.500129E+01	1.530744E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.310E+01	1.056E+02
PSDF EL FOR	0	22806(3)	2.293732E+01	2.007874E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.164E+01	1.056E+02
PSDF EL FOR	0	22806(5)	1.050553E+01	1.168005E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.232E-03	1.056E+02
PSDF EL FOR	0	22806(6)	3.189266E+01	1.112828E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.183E-02	1.056E+02
PSDF EL FOR	0	22806(8)	1.307480E+02	2.026992E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.300E-05	1.049E+02
PSDF EL FOR	0	22306(9)	2.320712E+01	1.831665E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.842E-03	1.056E+02
PSDF EL FOR	0	22805(2)	1.415177E+01	1.829652E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.725E+01	1.219E+02
PSDF EL FOR	0	22805(3)	7.449307E+01	1.560498E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.646E+02	1.049E+02
PSDF EL FOR	0	22805(5)	3.393207E+02	3.633823E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.938E-05	1.049E+02
PSDF EL FOR	0	22805(6)	8.956747E+02	1.158977E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.078E-04	1.056E+02
PSDF EL FOR	0	22805(8)	9.661981E+02	1.354515E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.265E-03	1.056E+02
PSDF EL FOR	0	22805(9)	1.233472E+01	2.742165E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.168E-04	1.056E+02
PSDF EL FOR	0	22801(2)	8.467454E+00	1.779494E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.999E+00	1.219E+02
PSDF EL FOR	0	22801(3)	6.413629E+01	1.472551E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.381E+02	1.049E+02

EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDCK VIBRATION (0.97 GRMS)

X AXIS PSD RESPONSE

XY-OUTPUT SUMMARY (AUTOCORPSDF)

PLOT TYPE	CURVE TYPE	FRAME NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	YMIN FCR ALL DATA	XMAX FCR ALL DATA	YMIN FCR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX
PSDF	EL FCR	0	22801(5)	7.179336E-02	3.883979E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	9.669E-05	1.049E+02
PSDF	EL FCR	0	22801(6)	3.662559E-02	2.601143E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.449E-05	1.219E+02
PSDF	EL FCR	0	22801(8)	2.431991E-01	1.505163E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	5.451E-03	1.056E+02
PSDF	EL FCR	0	22801(9)	5.894320E-02	1.644547E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.058E-04	1.056E+02
PSDF	EL FCR	0	22742(2)	2.397745E+01	1.860645E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	5.436E+01	1.049E+02
PSDF	EL FCR	0	22742(3)	1.281521E+01	1.409718E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.270E+01	1.219E+02
PSDF	EL FCR	0	22742(5)	8.215665E-02	1.467109E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	9.245E-04	1.056E+02
PSDF	EL FCR	0	22742(6)	9.084654E-02	1.508866E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.913E-04	1.056E+02
PSDF	EL FCR	0	22742(8)	6.308452E-02	2.115730E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.191E-04	1.049E+02
PSDF	EL FCR	0	22742(9)	9.421007E-02	2.281633E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	8.357E-04	1.049E+02
PSDF	EL FCR	0	22743(2)	7.053055E+00	1.638902E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	5.465E+00	1.220E+02
PSDF	EL FCR	0	22743(3)	3.945992E+00	4.561442E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.131E-01	1.219E+02
PSDF	EL FCR	0	22743(5)	7.272843E-02	1.861608E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.699E-04	1.220E+02
PSDF	EL FCR	0	22743(6)	2.867615E-02	2.941237E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	8.367E-05	1.056E+02
PSDF	EL FCR	0	22743(8)	8.261165E-02	2.881376E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	6.690E-04	1.049E+02
PSDF	EL FCR	0	22743(9)	4.009660E-02	4.100540E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.069E-04	1.220E+02
PSDF	EL FCR	0	22744(2)	3.091155E+00	1.806094E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	8.998E-01	1.220E+02
PSDF	EL FCR	0	22744(3)	5.377137E+00	2.785836E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.175E+00	1.219E+02
PSDF	EL FCR	0	22744(5)	1.085804E-01	1.471205E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	8.422E-04	1.056E+02
PSDF	EL FCR	0	22744(6)	7.611964E-02	1.518676E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	5.779E-04	1.056E+02
PSDF	EL FCR	0	22744(8)	9.670569E-02	2.850609E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	6.852E-04	1.049E+02
PSDF	EL FCR	0	22744(9)	2.314586E-01	1.851224E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	6.766E-03	1.056E+02
PSDF	EL FCR	0	22745(2)	4.293209E+01	1.398811E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.237E+02	1.220E+02
PSDF	EL FCR	0	22745(3)	2.670437E+00	3.096772E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.043E-01	1.220E+02

X AXIS PSD RESPONSE

X Y - O U T P U T S U M M A R Y (A U T C O R P S D F)

PLOT TYPE	CURVE FRAME NO.	CURVE ID.	RMS VALUE	NC. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX
PSDF EL FOR	0	22745(5)	2.173558E-02	1.769612E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.764E-05	1.219E+02
PSDF EL FOR	0	22745(6)	2.128060E-02	2.183494E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.009E-05	1.056E+02
PSDF EL FOR	0	22745(9)	1.938746E-01	1.411738E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.547E-03	1.220E+02
PSDF EL FOR	0	22745(9)	5.588109E-02	1.505721E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.779E-04	1.220E+02
PSDF EL FOR	0	22840(2)	1.119546E+02	1.348415E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.546E+03	1.220E+02
PSDF EL FOR	0	22840(3)	1.299759E+01	1.616165E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.240E+01	1.220E+02
PSDF EL FOR	0	22840(5)	7.318214E-02	4.937661E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.312E-04	4.800E+02
PSDF EL FOR	0	22840(5)	2.52130E-01	4.953322E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.102E-03	4.800E+02
PSDF EL FOR	0	22340(8)	2.386674E-01	5.020612E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.151E-03	4.900E+02
PSDF EL FOR	0	22840(9)	7.611494E-02	3.026471E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.965E-04	1.219E+02
PSDF EL FOR	0	22842(2)	1.152161E+02	1.357430E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.637E+03	1.220E+02
PSDF EL FOR	0	22842(3)	4.783711E+00	2.365783E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.117E+00	1.049E+02
PSDF EL FOR	0	22842(5)	4.304578E-02	5.069287E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.770E-05	4.820E+02
PSDF EL FOR	0	22842(6)	1.504503E-01	4.956238E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	5.416E-04	4.800E+02
PSDF EL FOR	0	22842(8)	2.791464E-01	4.916302E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.425E-03	4.820E+02
PSDF EL FOR	0	22842(9)	2.885947E-02	3.909830E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.320E-05	1.219E+02
PSDF EL FOR	0	22844(2)	5.126167E+01	1.446361E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.188E+02	1.220E+02
PSDF EL FOR	0	22344(3)	3.291695E+01	1.333873E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.202E+02	1.219E+02
PSDF EL FOR	0	22844(5)	1.350527E-02	4.444712E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.412E-06	4.780E+02
PSDF EL FOR	0	22844(6)	2.160630E-02	4.803266E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.214E-05	4.780E+02
PSDF EL FOR	0	22844(9)	4.337192E-02	4.485797E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.673E-05	4.800E+02
PSDF EL FOR	0	22844(9)	4.329514E-02	4.993307E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.339E-05	4.800E+02
PSDF EL FOR	0	22838(2)	1.928682E+01	1.826743E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.537E+01	1.220E+02
PSDF EL FOR	0	22838(3)	2.571269E+01	1.125557E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	9.592E+01	1.049E+02

EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)

X AXIS PSD RESPONSE

XY - O U T P U T S U M M A R Y (A U T C O R E S D F)

PLOT TYPE	CURVE FRAME NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX
PSDF EL FOR	0	22838(5)	6.943754E-03	2.160093E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.218E-06	1.220E+02
PSDF EL FOR	0	22838(6)	4.287708E-03	3.009349E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.329E-06	1.049E+02
PSDF EL FOR	0	22838(8)	1.431013E-01	2.563633E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.469E-03	1.056E+02
PSDF EL FOR	0	22838(9)	4.358865E-02	2.715073E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.158E-04	1.056E+02
PSDF EL FOR	0	22832(2)	1.107134E+01	3.268105E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.219E+00	2.560E+02
PSDF EL FOR	0	22832(3)	3.115566E+01	1.134256E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.342E+02	1.049E+02
PSDF EL FOR	0	22832(5)	9.885070E-03	2.028619E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.725E-06	1.220E+02
PSDF EL FOR	0	22832(6)	1.524272E-02	1.276230E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.151E-05	1.049E+02
PSDF EL FOR	0	22832(8)	1.646526E-01	1.864813E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.849E-03	1.056E+02
PSDF EL FOR	0	22832(9)	7.051792E-03	3.971519E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.769E-06	1.220E+02
PSDF EL FOR	0	22774(2)	3.265530E+01	1.220650E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.453E+02	1.056E+02
PSDF EL FOR	0	22774(3)	2.975550E+00	2.371242E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.942E-01	1.220E+02
PSDF EL FOR	0	22774(5)	6.134531E-02	2.592540E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.763E-04	1.056E+02
PSDF EL FOR	0	22774(6)	1.627518E-02	3.309493E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.031E-05	1.056E+02
PSDF EL FOR	0	22774(8)	2.713107E-01	1.198922E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.001E-02	1.049E+02
PSDF EL FOR	0	22774(9)	1.371579E-01	2.315046E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.590E-03	1.049E+02
PSDF EL FOR	0	20021(2)	2.823415E+01	1.264385E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.639E+01	1.215E+02
PSDF EL FOR	0	20021(3)	8.686589E+00	1.184853E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.562E+00	1.049E+02
PSDF EL FOR	0	20021(5)	1.963239E-02	2.450156E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.292E-05	1.049E+02
PSDF EL FOR	0	20021(6)	3.101808E-02	2.720328E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.595E-05	1.049E+02
PSDF EL FOR	0	20021(8)	3.207040E-02	1.893345E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.904E-05	1.049E+02
PSDF EL FOR	0	20021(9)	7.345443E-02	2.903862E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.405E-04	1.056E+02
PSDF EL FOR	0	20020(2)	3.343915E+01	1.347619E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.350E+02	1.220E+02
PSDF EL FOR	0	20020(3)	3.762811E+01	1.111702E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.045E+02	1.049E+02

X AXIS PSD RESPONSE

X Y - C U T P U T S U M M A R Y (A C T O R P S D F)

PLOT TYPE	CURVE NC.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XYIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX
PSDF EL FOR	0	20020(5)	3.462275E-02	1.522275E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.009E-04	1.049E+02
PSDF EL FOR	0	20020(6)	1.718354E-02	1.873831E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.867E-05	1.220E+02
PSDF EL FOR	0	20020(3)	2.469044E-02	1.924877E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.071E-05	1.220E+02
PSDF EL FOR	0	20020(9)	2.679744E-02	1.909830E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.305E-05	1.219E+02
*** USER WARNING MESSAGE 979, AN XY-OUTPUT REQUEST FOR POINT OR ELEMENT ID 2071 -FORC- CURVE IS BEING PASSED OVER. THE ID COULD NOT BE FOUND IN DATA BLOCK 102										
*** USER WARNING MESSAGE 979, AN XY-OUTPUT REQUEST FOR POINT OR ELEMENT ID 2071 -FORC- CURVE IS BEING PASSED OVER. THE ID COULD NOT BE FOUND IN DATA BLOCK 102										
*** USER WARNING MESSAGE 979, AN XY-OUTPUT REQUEST FOR POINT OR ELEMENT ID 2071 -FORC- CURVE IS BEING PASSED OVER. THE ID COULD NOT BE FOUND IN DATA BLOCK 102										
*** USER WARNING MESSAGE 979, AN XY-OUTPUT REQUEST FOR POINT OR ELEMENT ID 2071 -FORC- CURVE IS BEING PASSED OVER. THE ID COULD NOT BE FOUND IN DATA BLOCK 102										
*** USER WARNING MESSAGE 979, AN XY-OUTPUT REQUEST FOR POINT OR ELEMENT ID 2071 -FORC- CURVE IS BEING PASSED OVER. THE ID COULD NOT BE FOUND IN DATA BLOCK 102										
*** USER WARNING MESSAGE 979, AN XY-OUTPUT REQUEST FOR POINT OR ELEMENT ID 2071 -FORC- CURVE IS BEING PASSED OVER. THE ID COULD NOT BE FOUND IN DATA BLOCK 102										
PSDF EL FOR	0	2070(2)	1.197574E+01	1.170709E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.663E+01	1.056E+02
PSDF EL FOR	0	2070(3)	5.997509E+00	1.335482E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.661E+00	1.220E+02
PSDF EL FOR	0	2070(5)	1.563648E-02	2.675661E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.611E-06	1.220E+02
PSDF EL FOR	0	2070(6)	8.40204E-03	2.507007E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.803E-06	1.480E+02
PSDF EL FOR	0	2070(3)	7.658477E-03	3.923826E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.479E-07	2.930E+02
PSDF EL FOR	0	2070(9)	7.543472E-03	1.868016E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.823E-06	1.049E+02
PSDF EL FOR	0	20018(2)	6.546771E+01	1.265481E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.268E+02	1.220E+02
PSDF EL FOR	0	20018(3)	9.866613E+00	1.276221E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.037E+01	1.220E+02
PSDF EL FOR	0	20018(5)	1.481165E-02	1.915505E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.453E-05	1.049E+02
PSDF EL FOR	0	20018(6)	1.606419E-02	2.913960E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.069E-05	1.219E+02
PSDF EL FOR	0	20018(8)	7.951669E-03	2.212066E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.523E-06	1.049E+02
PSDF EL FOR	0	20018(9)	2.703528E-02	2.505451E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.473E-05	1.049E+02
PSDF EL FOR	0	20019(2)	1.138407E+02	1.261777E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.563E+03	1.220E+02
PSDF EL FOR	0	20019(3)	5.954102E+00	1.350919E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.285E+00	1.220E+02
PSDF EL FOR	0	20019(5)	1.960971E-02	1.799162E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.555E-05	1.049E+02

PSDF EL FOR	0	20019(5)	6.273116E-03	1.447741E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.354E-06	1.049E+02
PSDF EL FOR	0	20019(8)	1.472837E-02	2.014783E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.634E-05	1.219E+02
PSDF EL FOR	0	20019(9)	2.250266E-01	1.555907E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.275E-03	1.219E+02
PSDF EL FOR	0	2049(2)	9.575007E+00	1.403453E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.543E+00	1.056E+02
PSDF EL FOR	0	2049(3)	4.224918E+01	1.311134E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.170E+02	1.220E+02

X AXIS PSD RESPONSE

XY - O U T P U T S U M M A R Y (A U T O O R P S D F)

PLOT TYPE	CURVE FRAME NO.	CURVE ID.	RVS VALUE	NC. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	YMAX FOR ALL DATA	X FOR YMIN	X FOR YMAX
PSDF EL FOR	0	2049(5)	3.112863E-02	1.647633E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	5.856E-05	1.220E+02
PSDF EL FOR	0	2049(6)	2.366036E-02	1.333400E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	3.735E-05	1.056E+02
PSDF EL FOR	0	2049(8)	6.311934E-02	3.023605E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	3.018E-04	1.220E+02
PSDF EL FOR	0	2049(9)	1.223771E-02	1.985058E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	2.686E-05	1.220E+02
PSDF EL FOR	0	2050(2)	1.096595E+01	1.297429E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	1.298E+01	1.220E+02
PSDF EL FOR	0	2050(3)	1.068970E+01	1.479100E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	1.277E+01	1.049E+02
PSDF EL FOR	0	2050(5)	3.338833E-02	1.605626E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	1.204E-04	1.220E+02
PSDF EL FOR	0	2050(6)	5.736485E-02	1.274835E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	3.465E-04	1.220E+02
PSDF EL FOR	0	2050(8)	1.563263E-01	4.017159E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	6.369E-04	1.220E+02
PSDF EL FOR	0	2050(9)	1.041749E-02	3.704291E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	6.743E-05	1.220E+02
PSDF EL FOR	0	2051(2)	7.101613E+00	1.439238E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	4.814E+00	1.219E+02
PSDF EL FOR	0	2051(3)	2.769062E+00	3.176823E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	2.540E-01	1.219E+02
PSDF EL FOR	0	2051(5)	6.169381E-02	1.380049E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	3.675E-04	1.220E+02
PSDF EL FOR	0	2051(6)	5.179869E-02	1.289220E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	2.729E-04	1.220E+02
PSDF EL FOR	0	2051(8)	1.760979E-02	4.168736E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	1.978E-05	1.049E+02
PSDF EL FOR	0	2051(9)	3.607104E-03	1.638906E+02	1.000E+01	2.000E-03	0.000E+00	1.000E+01	6.855E-06	1.220E+02
PSDF EL FOR	0	2052(2)	3.574869E+00	2.335427E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	1.075E+00	1.049E+02
PSDF EL FOR	0	2052(3)	3.111743E+01	1.285032E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	1.232E+02	1.049E+02
PSDF EL FOR	0	2052(5)	6.049659E-02	1.472552E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	2.395E-04	1.220E+02
PSDF EL FOR	0	2052(6)	1.852192E-02	1.670661E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	2.398E-05	1.220E+02
PSDF EL FOR	0	2052(8)	5.858600E-02	2.484904E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	4.417E-04	1.220E+02
PSDF EL FOR	0	2052(9)	1.159523E-02	1.293583E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	1.049E-05	1.219E+02
PSDF EL FOR	0	20024(2)	6.064252E+01	1.246023E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	4.695E+02	1.049E+02
PSDF EL FOR	0	20024(3)	4.286949E+00	1.501073E+02	1.000E-01	2.000E-03	0.000E+00	1.000E+01	2.139E+00	1.049E+02

ECS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)

X AXIS PSD RESPONSE

XY-OUTPUT SUMMARY (A T C O R P S D F)

PLOT TYPE	CURVE NO.	FRAME NO.	MS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX
PSDF EL FOR	0	20024(5)	1.251255E-02	1.445642E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.145E-05	1.049E+02
PSDF EL FOR	0	20024(6)	2.902219E-03	1.570383E+02	1.000E-01	2.000E+03	0.000E-00	1.000E+01	5.281E-07	1.227E+02
PSDF EL FOR	0	20024(8)	9.621805E-03	1.593702E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.774E-06	1.220E+02
PSDF EL FOR	0	20024(9)	1.204688E-01	2.199182E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.343E-03	1.219E+02
PSDF EL FOR	0	20025(2)	3.546973E+01	1.261167E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.638E+02	1.049E+02
PSDF EL FOR	0	20025(3)	2.920534E+00	2.550669E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.456E-01	1.220E+02
PSDF EL FOR	0	20025(5)	1.030691E-02	1.927317E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.739E-06	1.227E+02
PSDF EL FOR	0	20025(6)	9.756455E-03	3.245210E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.891E-06	1.480E+02
PSDF EL FOR	0	20025(8)	7.830100E-03	1.983841E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.956E-06	1.220E+02
PSDF EL FOR	0	20025(9)	2.209065E-02	2.210659E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.961E-05	1.056E+02
PSDF EL FOR	0	2226(2)	9.564299E+00	1.282637E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.296E+00	1.049E+02
PSDF EL FOR	0	2226(3)	2.537434E+00	1.563356E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.902E-01	1.220E+02
PSDF EL FOR	0	2226(5)	4.753740E-03	3.127220E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.182E-06	1.220E+02
PSDF EL FOR	0	2226(6)	1.519723E-02	2.110065E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	8.212E-06	1.049E+02
PSDF EL FOR	0	2226(8)	6.790468E-03	2.173449E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.066E-06	1.049E+02
PSDF EL FOR	0	2226(9)	1.065614E-02	2.692220E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.301E-06	1.220E+02
PSDF EL FOR	0	2227(2)	1.489349E+01	1.215969E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.058E+01	1.056E+02
PSDF EL FOR	0	2227(3)	3.735201E+01	1.274717E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.723E+02	1.220E+02
PSDF EL FOR	0	2227(5)	1.046681E-02	2.151301E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.546E-06	1.049E+02
PSDF EL FOR	0	2227(6)	1.685508E-02	2.210855E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.200E-05	1.049E+02
PSDF EL FOR	0	2227(8)	9.537259E-03	2.478046E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.180E-06	1.049E+02
PSDF EL FOR	0	2227(9)	1.170449E-02	3.150024E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.232E-06	3.860E+02
PSDF EL FOR	0	20023(2)	6.940620E+01	1.270108E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	5.973E+02	1.220E+02
PSDF EL FOR	0	20023(3)	3.587956E+01	2.134111E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.506E+02	1.049E+02

X AXIS PSD RESPONSE

X Y - C U T P U T S U M M A R Y (A U T O R P S D F)										
PLOT TYPE	CURVE FRAME NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX
PSDF EL FOR	0	20023(5)	1.203948E-02	2.285227E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.611E-06	1.056E+02
PSDF EL FOR	0	20023(6)	1.558832E-02	1.223188E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.038E-05	1.049E+02
PSDF EL FOR	0	20023(3)	9.278757E-03	3.079492E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.747E-06	1.056E+02
PSDF EL FOR	0	20023(9)	8.259398E-02	2.495238E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.701E-04	1.480E+02
PSDF EL FOR	0	20022(2)	7.124965E+01	1.274711E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	6.277E+02	1.220E+02
PSDF EL FOR	0	20022(3)	1.001844E+01	1.206796E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.223E+01	1.049E+02
PSDF EL FOR	0	20022(5)	1.437180E-02	2.373926E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.677E-05	1.220E+02
PSDF EL FOR	0	20022(6)	2.461201E-02	3.273776E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.271E-05	1.220E+02
PSDF EL FOR	0	20022(3)	1.325697E-02	3.192298E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.867E-06	1.480E+02
PSDF EL FOR	0	20022(9)	1.400446E-01	2.333423E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.809E-04	1.049E+02
PSDF EL FOR	0	2092(2)	1.090214E+01	1.149252E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.197E+01	1.049E+02
PSDF EL FOR	0	2092(3)	1.726210E+01	1.388873E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.442E+01	1.220E+02
PSDF EL FOR	0	2092(5)	1.683251E-02	2.202123E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.757E-05	1.780E+02
PSDF EL FOR	0	2092(6)	6.543279E-02	1.831572E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.614E-04	1.780E+02
PSDF EL FOR	0	2092(8)	2.915003E-02	2.080624E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.262E-05	1.049E+02
PSDF EL FOR	0	2092(9)	3.041635E-02	1.861228E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.971E-05	1.220E+02
PSDF EL FOR	0	2091(2)	1.714192E+01	1.205390E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.932E+01	1.049E+02
PSDF EL FOR	0	2091(3)	5.946791E+00	2.236114E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.164E+00	1.220E+02
PSDF EL FOR	0	2091(5)	3.206262E-02	2.572581E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.492E-05	1.049E+02
PSDF EL FOR	0	2091(6)	7.520693E-02	1.855111E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.833E-04	1.780E+02
PSDF EL FOR	0	2091(3)	1.300214E-02	2.065573E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.459E-05	1.049E+02
PSDF EL FOR	0	2091(9)	2.559776E-02	2.435519E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.927E-05	1.790E+02
PSDF EL FOR	0	2090(2)	2.467198E+01	1.141989E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.544E+01	1.049E+02
PSDF EL FOR	0	2090(3)	9.782962E+00	1.639101E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	5.516E+00	1.049E+02

EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDEM VIBRATION (9.97 GRMS)

MARCH 2, 1995 XSC/NASTRAN 8/24/94 PAGE 138

Report 10515
1 Apr 96

X AXIS PSD RESPONSE

X Y - O U T P U T S U M M A R Y (A U T C O R P S D F)

PL01 TYPE	CURVE FRAME NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX
PSDF EL FOR	0	2090(5)	3.507658E-02	2.370763E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	6.518E-05	1.220E+02
PSDF EL FOR	0	2090(6)	4.963610E-02	1.661901E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.537E-04	1.049E+02
PSDF EL FOR	0	2090(8)	1.103290E-02	2.406105E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	9.890E-06	1.049E+02
PSDF EL FOR	0	2090(9)	1.654623E-02	3.125825E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	8.603E-06	1.730E+02
PSDF EL FOR	0	2089(2)	2.710640E+01	1.139267E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.063E+02	1.056E+02
PSDF EL FOR	0	2089(3)	4.714103E+00	1.568319E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.282E+00	1.213E+02
PSDF EL FOR	0	2089(5)	2.162209E-02	1.549587E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.337E-05	1.049E+02
PSDF EL FOR	0	2089(6)	2.665729E-02	1.486641E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.945E-05	1.049E+02
PSDF EL FOR	0	2089(8)	1.115037E-02	4.255977E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.818E-06	4.960E+02
PSDF EL FOR	0	2089(9)	8.559490E-03	2.686276E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.642E-06	1.430E+02
PSDF EL FOR	0	3266(2)	7.613110E+00	1.337553E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.772E+00	1.049E+02
PSDF EL FOR	0	3266(3)	1.106768E+01	1.422884E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.436E+01	1.220E+02
PSDF EL FOR	0	3266(5)	1.374414E-02	2.599561E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.800E-05	1.049E+02
PSDF EL FOR	0	3266(6)	4.530712E-02	2.093940E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.123E-04	1.056E+02
PSDF EL FOR	0	3266(8)	1.973739E-02	3.791300E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	9.993E-06	1.049E+02
PSDF EL FOR	0	3266(9)	3.867764E-02	3.686163E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.577E-05	4.100E+02
PSDF EL FOR	0	3268(2)	8.445538E+00	1.264363E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	9.875E+00	1.056E+02
PSDF EL FOR	0	3268(3)	2.255169E+01	1.160956E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	5.630E+01	1.049E+02
PSDF EL FOR	0	3268(5)	5.469276E-02	3.564189E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	6.243E-05	1.049E+02
PSDF EL FOR	0	3268(6)	1.845562E-02	3.987718E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.445E-06	5.160E+02
PSDF EL FOR	0	3268(8)	1.645515E-01	3.887020E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.234E-04	4.030E+02
PSDF EL FOR	0	3268(9)	3.292317E-02	4.184652E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.462E-05	5.180E+02
PSDF EL FOR	0	3271(2)	1.224862E+01	1.228256E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.491E+01	1.049E+02
PSDF EL FOR	0	3271(3)	2.790317E+01	1.303461E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	9.093E+01	1.220E+02

X AXIS PSD RESPONSE

X Y - O U T P U T S U M M A R Y (A U T O O R P S D F)

PLOT TYPE	CURVE FRAME TYPE NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX
PSDF	EL FOR	0 3271(5)	1.459C92E-02	2.949240E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.549E-05	1.056E+02
PSDF	EL FOR	0 3271(6)	3.699150E-02	3.716055E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.270E-05	1.056E+02
PSDF	EL FOR	0 3271(8)	3.920608E-02	2.925423E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.168E-04	1.056E+02
PSDF	EL FOR	0 3271(9)	2.591247E-01	3.836836E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.920E-03	1.049E+02
PSDF	EL FOR	0 3273(2)	1.712478E+01	1.135511E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.617E+01	1.049E+02
PSDF	EL FOR	0 3273(3)	4.482117E+01	1.250295E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.657E+02	1.220E+02
PSDF	EL FOR	0 3273(5)	7.413124E-02	3.750026E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.257E-04	1.056E+02
PSDF	EL FOR	0 3273(6)	4.066569E-02	1.838600E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.102E-04	1.049E+02
PSDF	EL FOR	0 3273(8)	7.342226E-02	4.615709E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.730E-04	5.140E+02
PSDF	EL FOR	0 3273(9)	7.366738E-02	2.061030E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.488E-04	1.056E+02
PSDF	EL FOR	0 26422(2)	2.695068E+01	1.119866E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.335E+01	1.049E+02
PSDF	EL FOR	0 26422(3)	6.162951E+00	1.425559E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.013E+00	1.220E+02
PSDF	EL FOR	0 26422(5)	1.336863E-02	2.780915E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.210E-06	1.049E+02
PSDF	EL FOR	0 26422(6)	4.314380E-02	2.585593E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.601E-05	1.049E+02
PSDF	EL FOR	0 26422(8)	1.757593E-02	1.524710E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.791E-05	1.049E+02
PSDF	EL FOR	0 26422(9)	2.954703E-02	4.053141E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.518E-05	4.980E+02

X AXIS PSD RESPONSE

X Y - C U T P U T S U M M A R Y (A U T C O R P S D F)

PLOT TYPE	CURVE FRAME TYPE NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX
PSDF	EL FOR	0	22854(2)	6.965563E+02	1.256936E+02	1.000E-01	2.000E+03	0.000E-00	1.000E+01	6.098E+04 1.220E+02
PSDF	EL FOR	0	22895(2)	9.556456E+01	1.638593E+02	1.000E-01	2.000E+03	0.000E-00	1.000E+01	1.163E+03 1.049E+02
PSDF	EL FOR	0	22896(2)	3.853319E+02	1.561680E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.374E+04 1.049E+02
PSDF	EL FOR	0	22897(2)	6.895959E+02	1.332734E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	5.888E+04 1.220E+02
PSDF	EL FOR	0	22899(2)	1.974725E+02	1.390387E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.801E+03 1.220E+02
PSDF	EL FOR	0	22899(2)	8.524028E+01	1.608915E+02	1.000E-01	2.000E+03	0.000E-00	1.000E+01	9.092E+02 1.220E+02
PSDF	EL FOR	0	22900(2)	7.147739E+01	1.544409E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	5.651E+02 1.220E+02
PSDF	EL FOR	0	22901(2)	1.216557E+02	1.289347E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.822E+03 1.220E+02
PSDF	EL FOR	0	22902(2)	4.152337E+02	1.263099E+02	1.000E+01	2.000E+03	0.000E-00	1.000E+01	2.136E+04 1.220E+02
PSDF	EL FOR	0	22903(2)	2.659342E+02	1.270574E+02	1.000E-01	2.000E+03	0.000E-00	1.000E+01	9.405E+03 1.049E+02
PSDF	EL FOR	0	22904(2)	6.195612E+02	1.257638E+02	1.000E-01	2.000E+03	0.000E-00	1.000E+01	4.616E+04 1.220E+02

Y AXIS OUTPUT

.

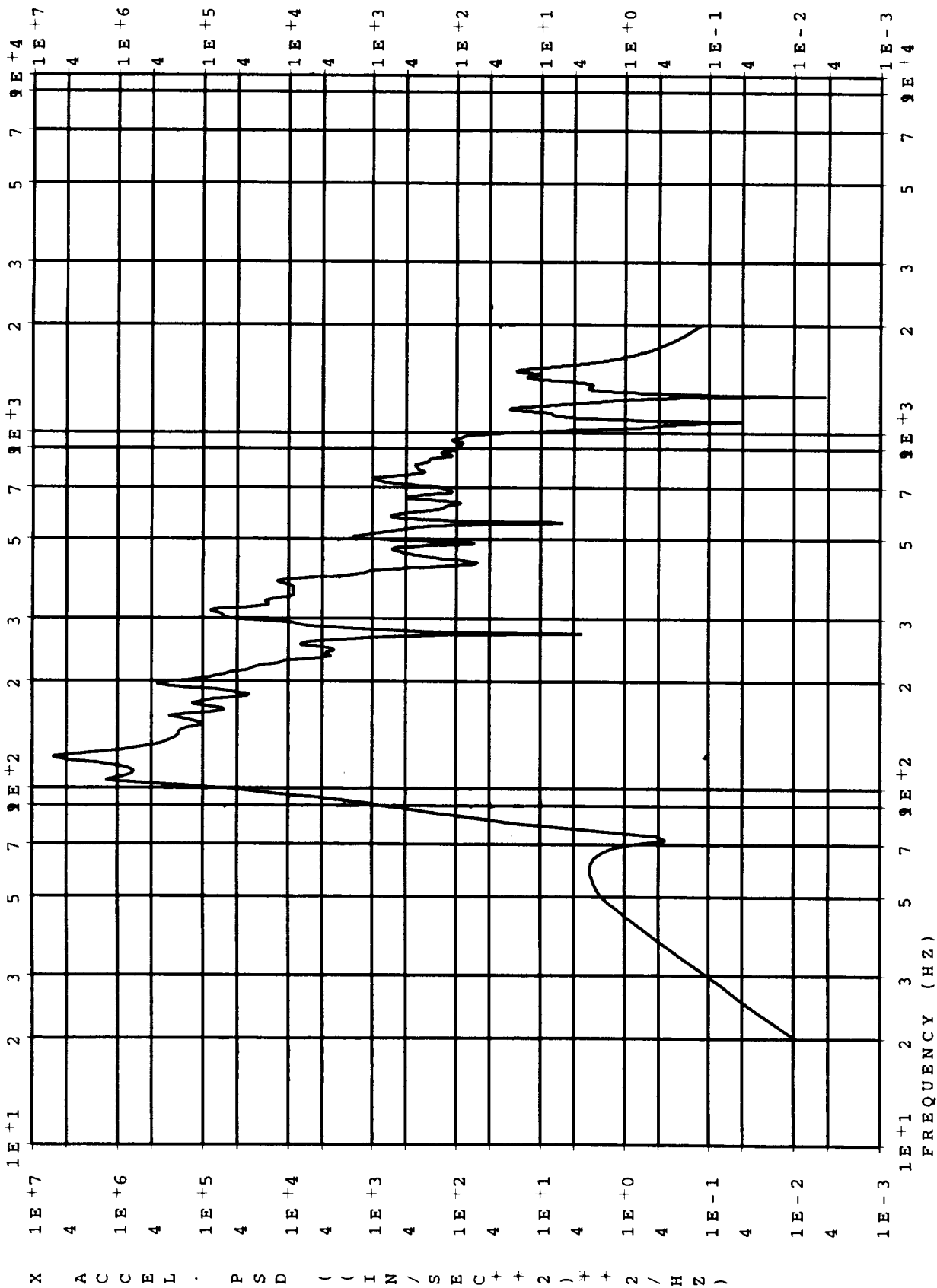
ACCELERATION RESPONSE PLOTS

EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)

27

3 / 4 / 96

27



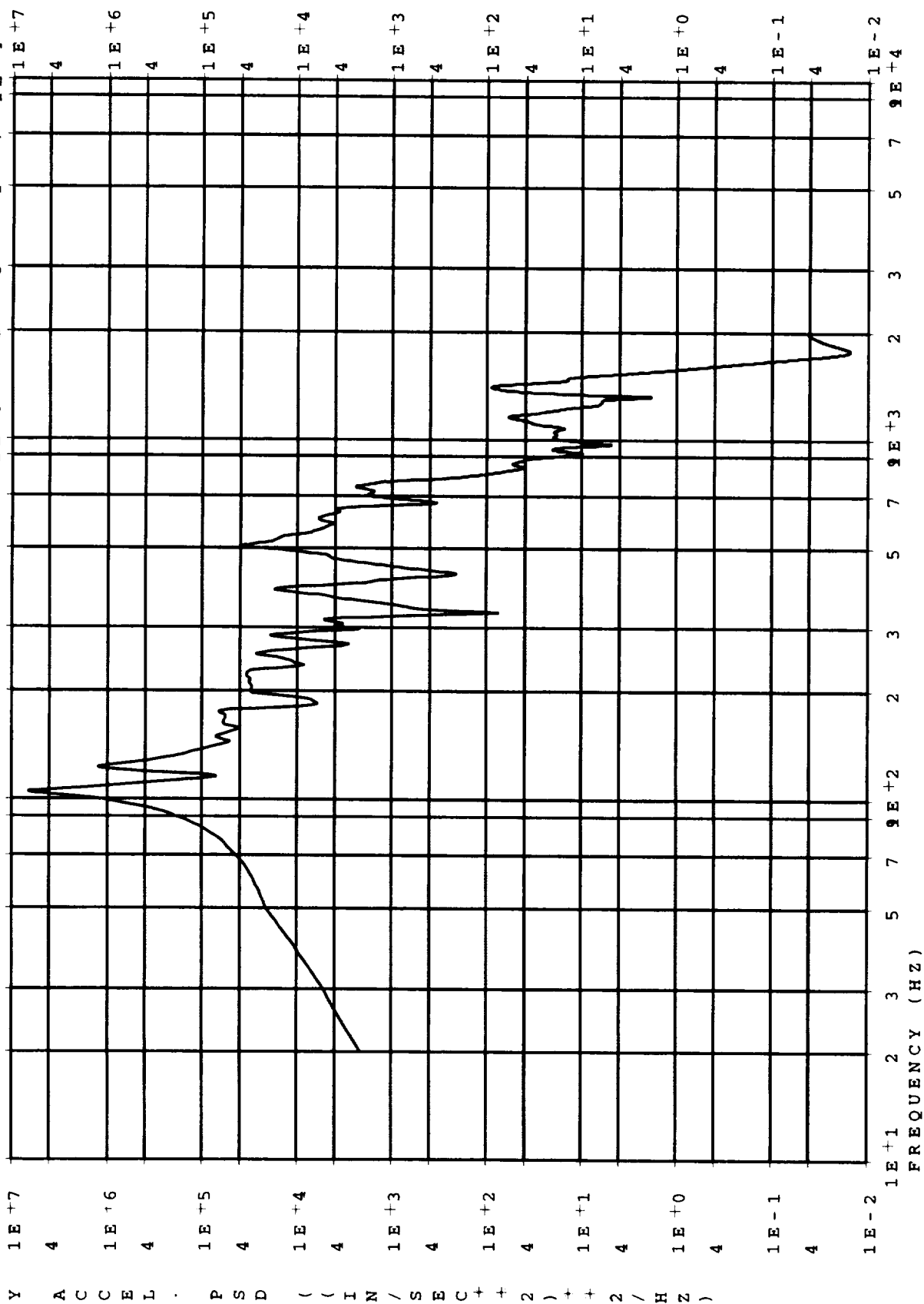
C-101

EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)

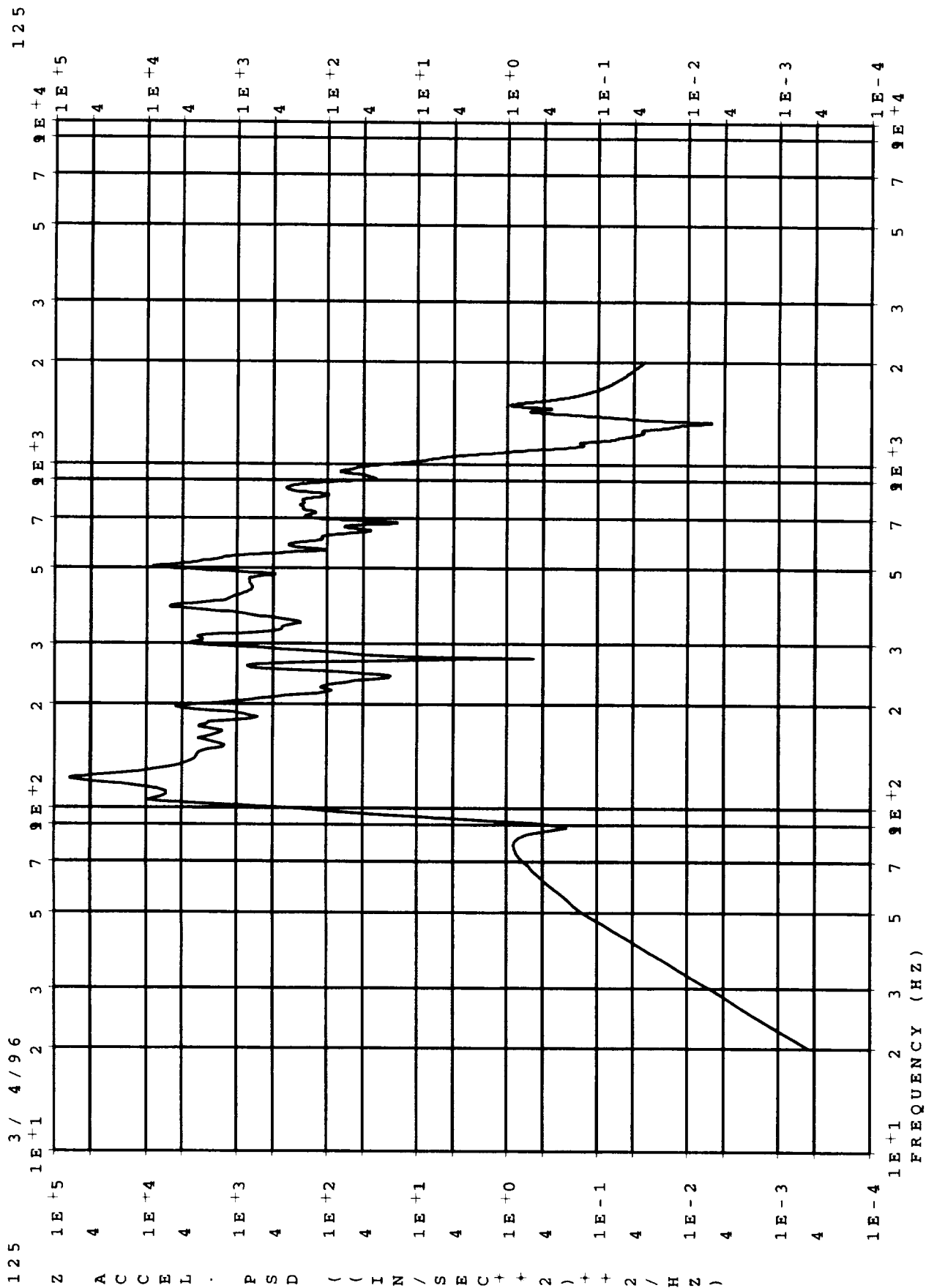
76

3 / 4 / 96

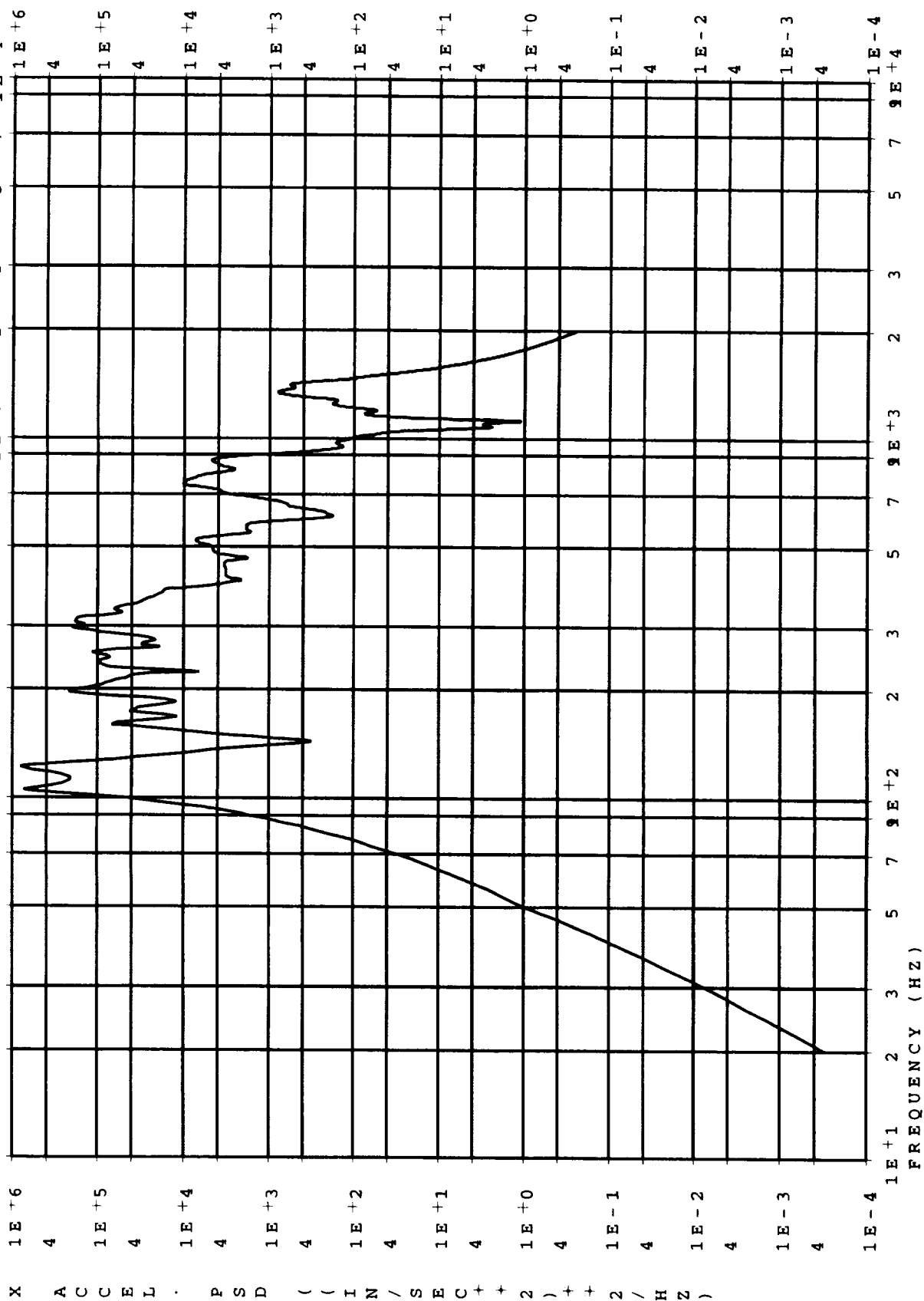
76



EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)



3 2 3 / 4 / 96 3 2



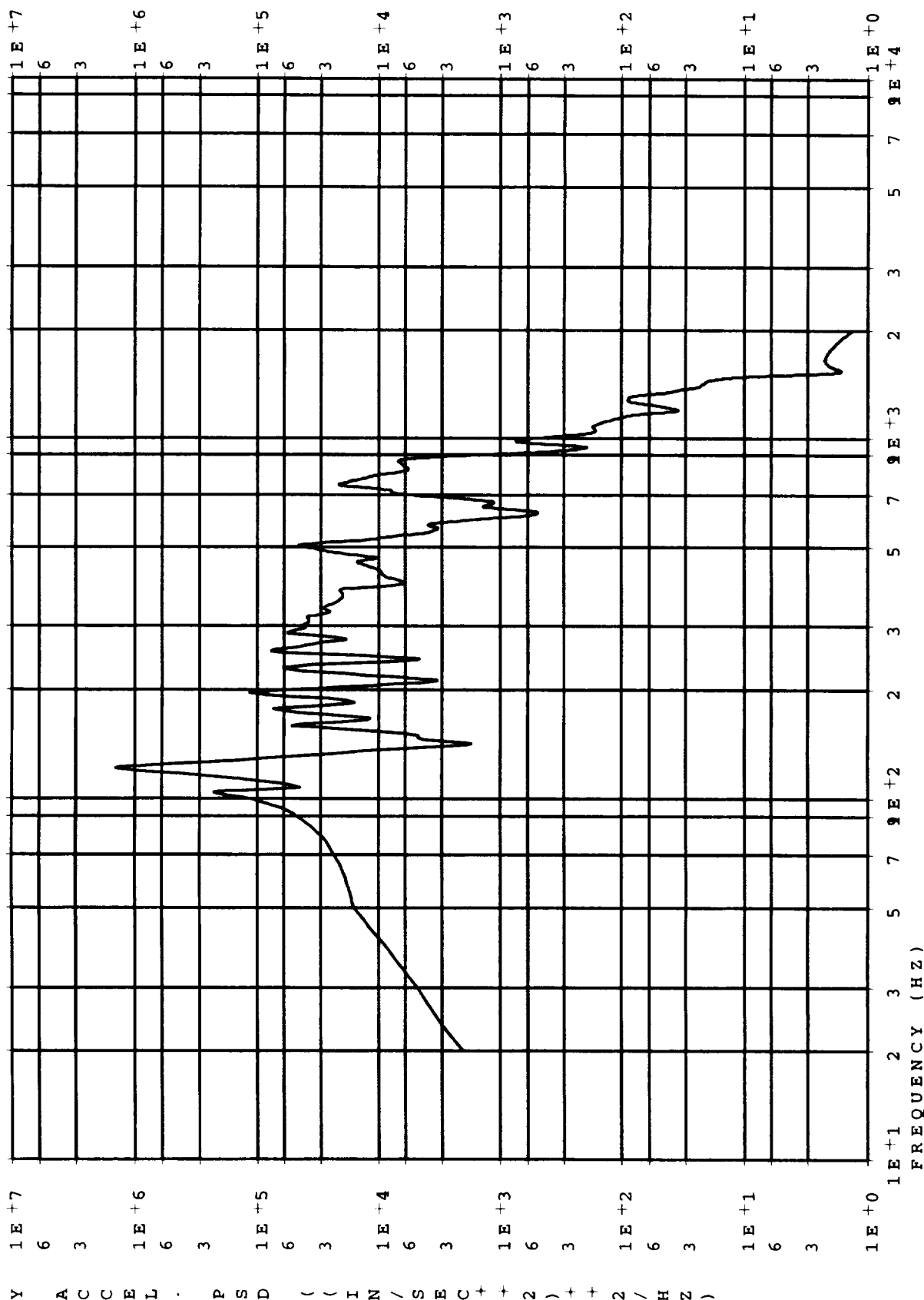
C-104

EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)

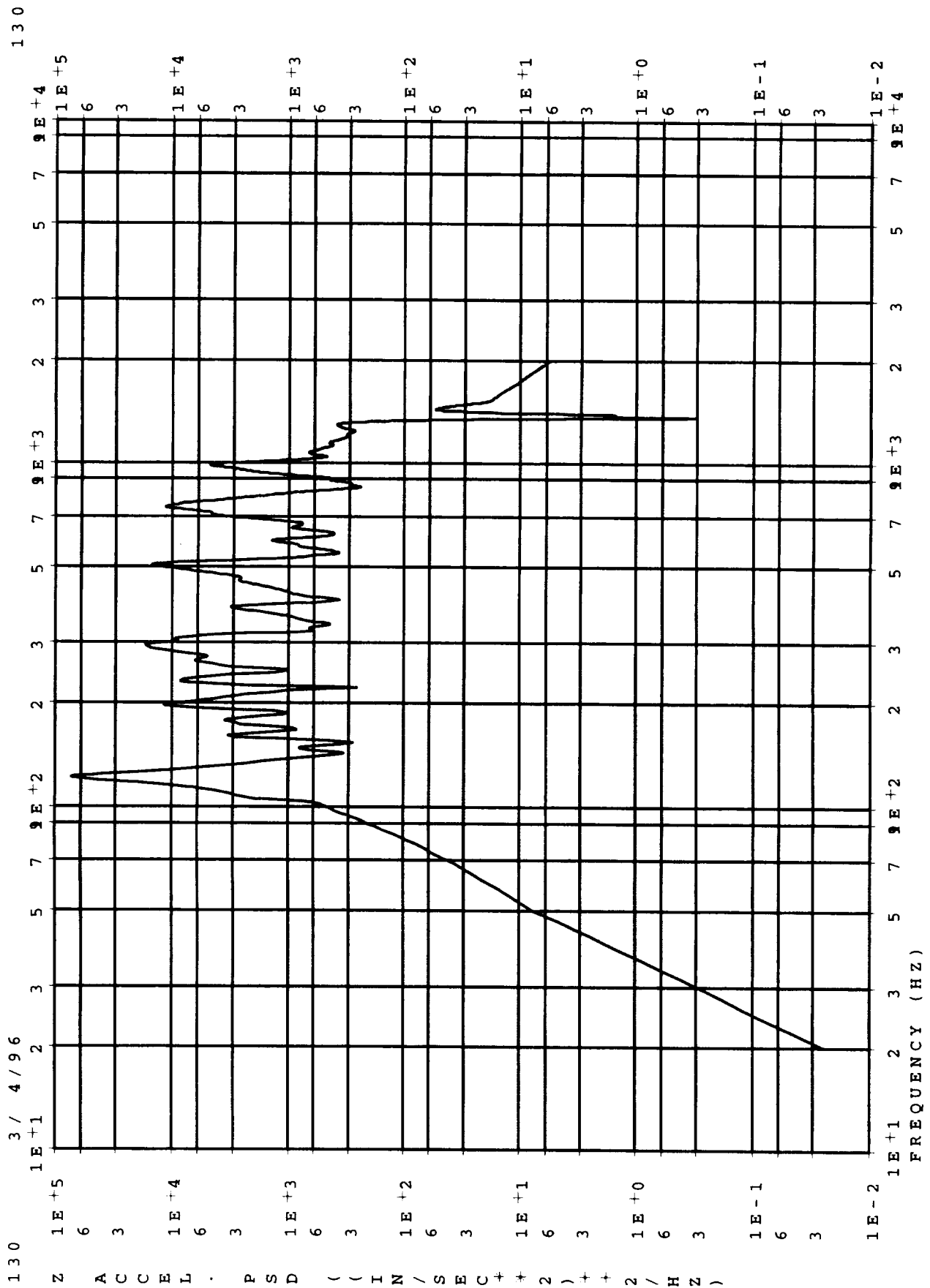
81

3 / 4 / 96

81



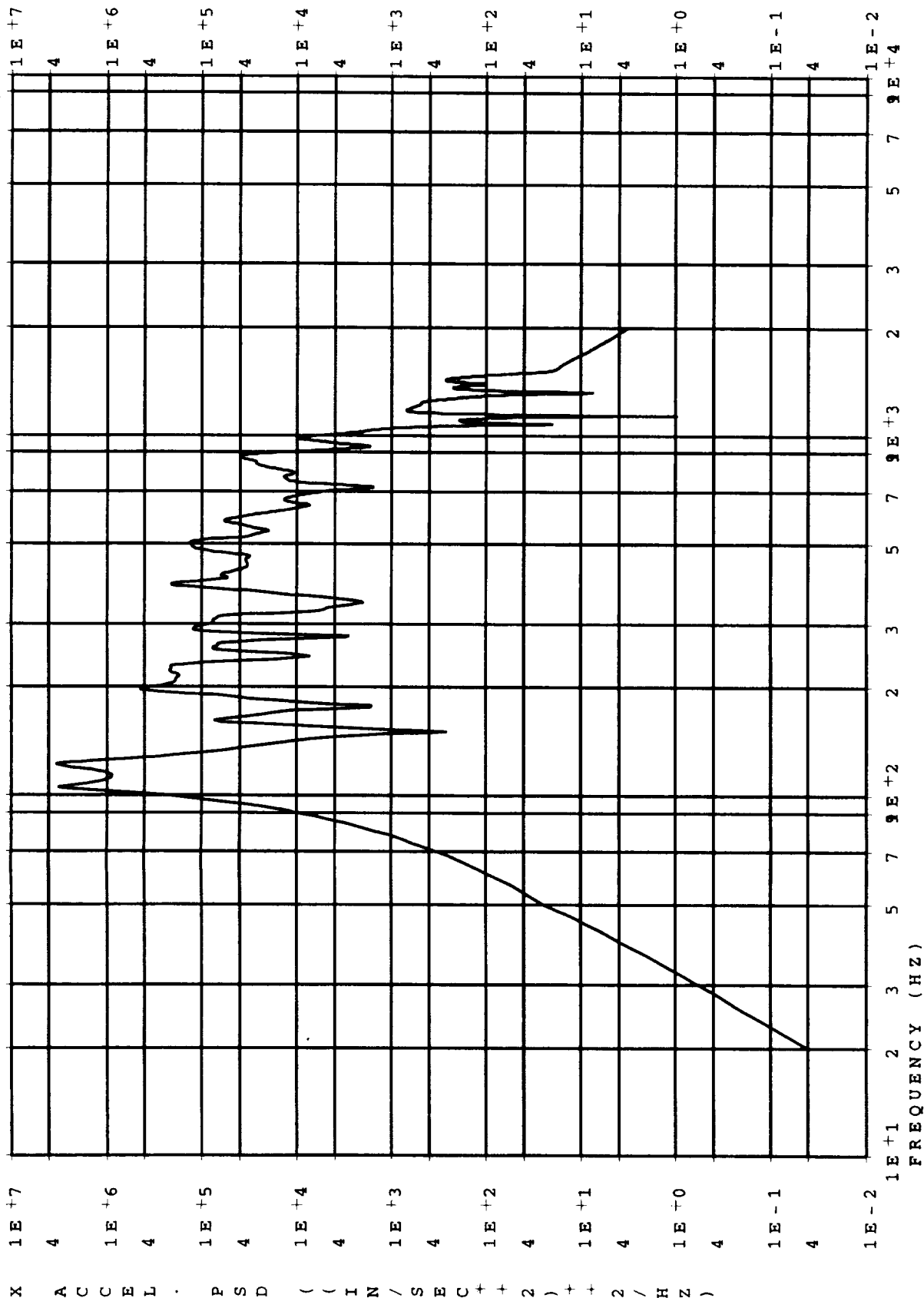
EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)



3 4

3 / 4 / 96

3 4

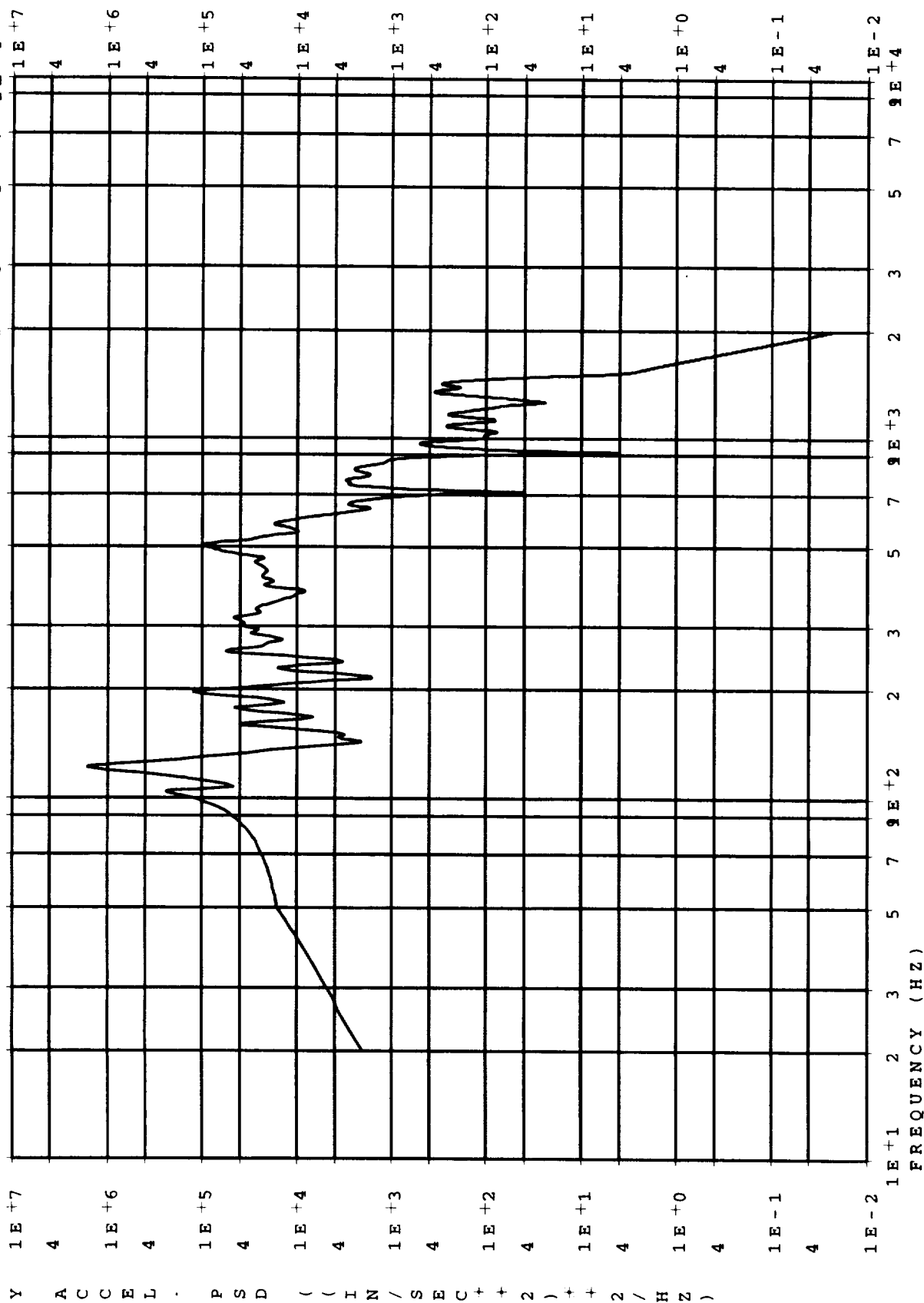


EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)

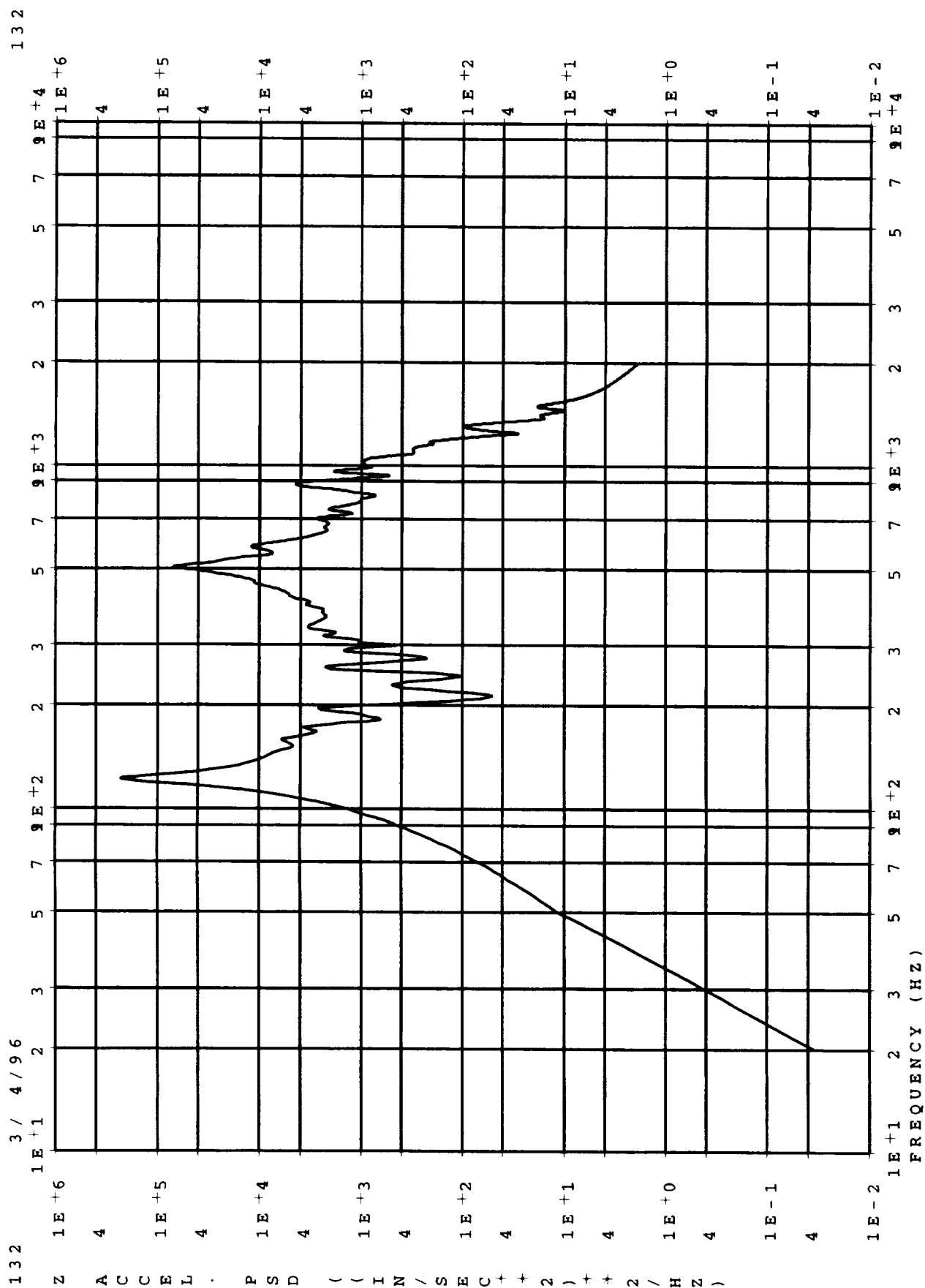
83

3 / 4 / 96

83



EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)

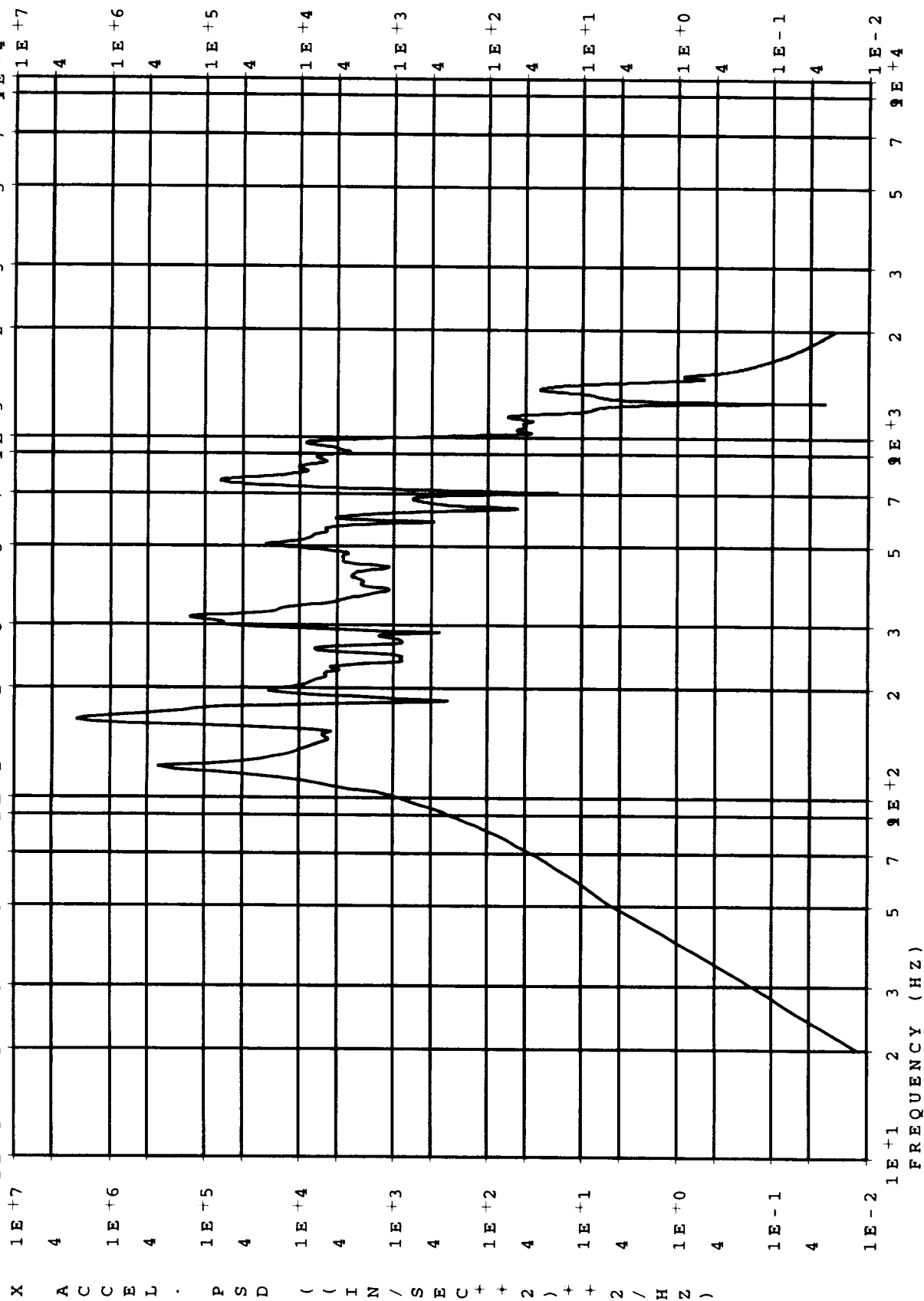


EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)

37

3 / 4 / 96

37

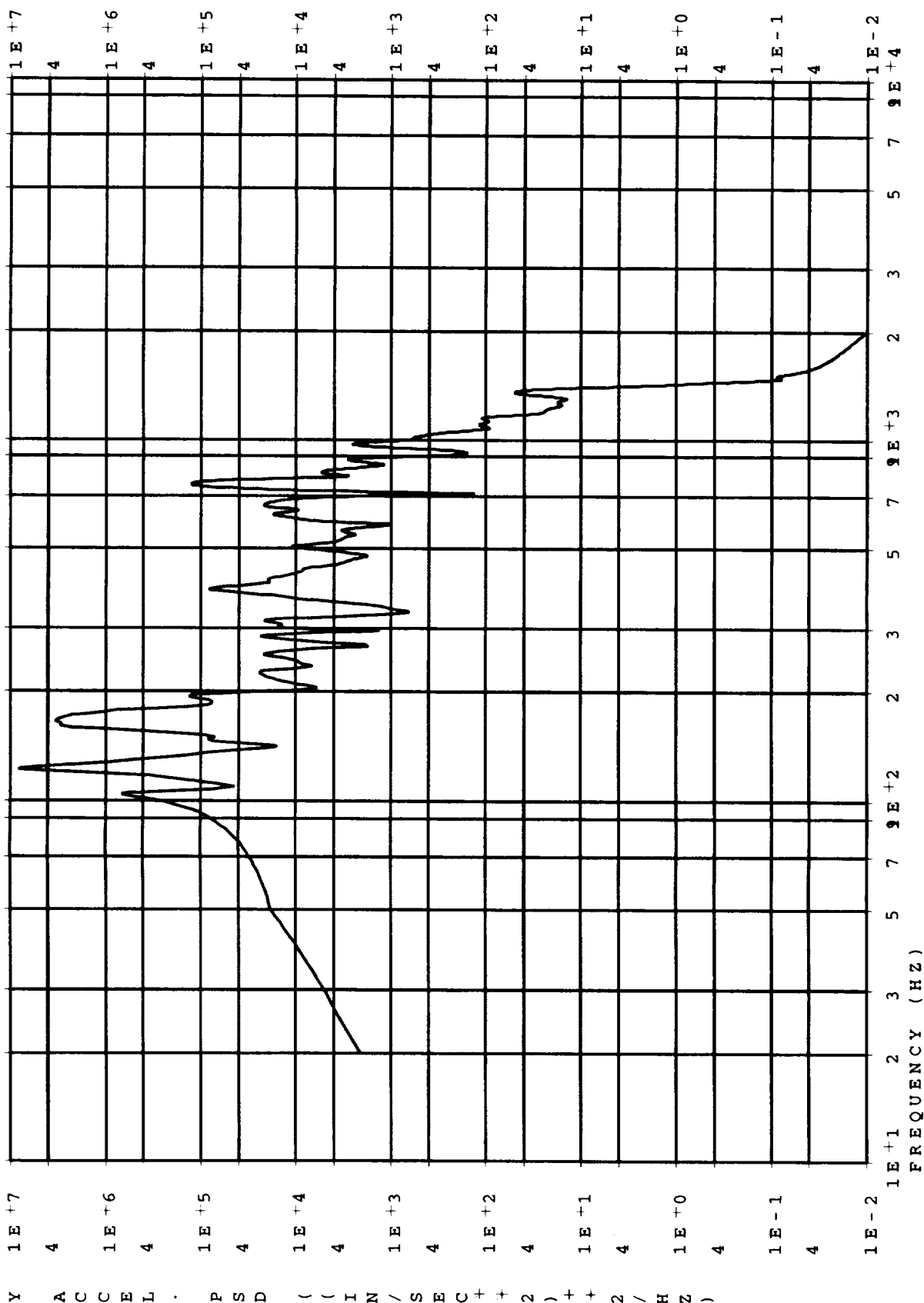


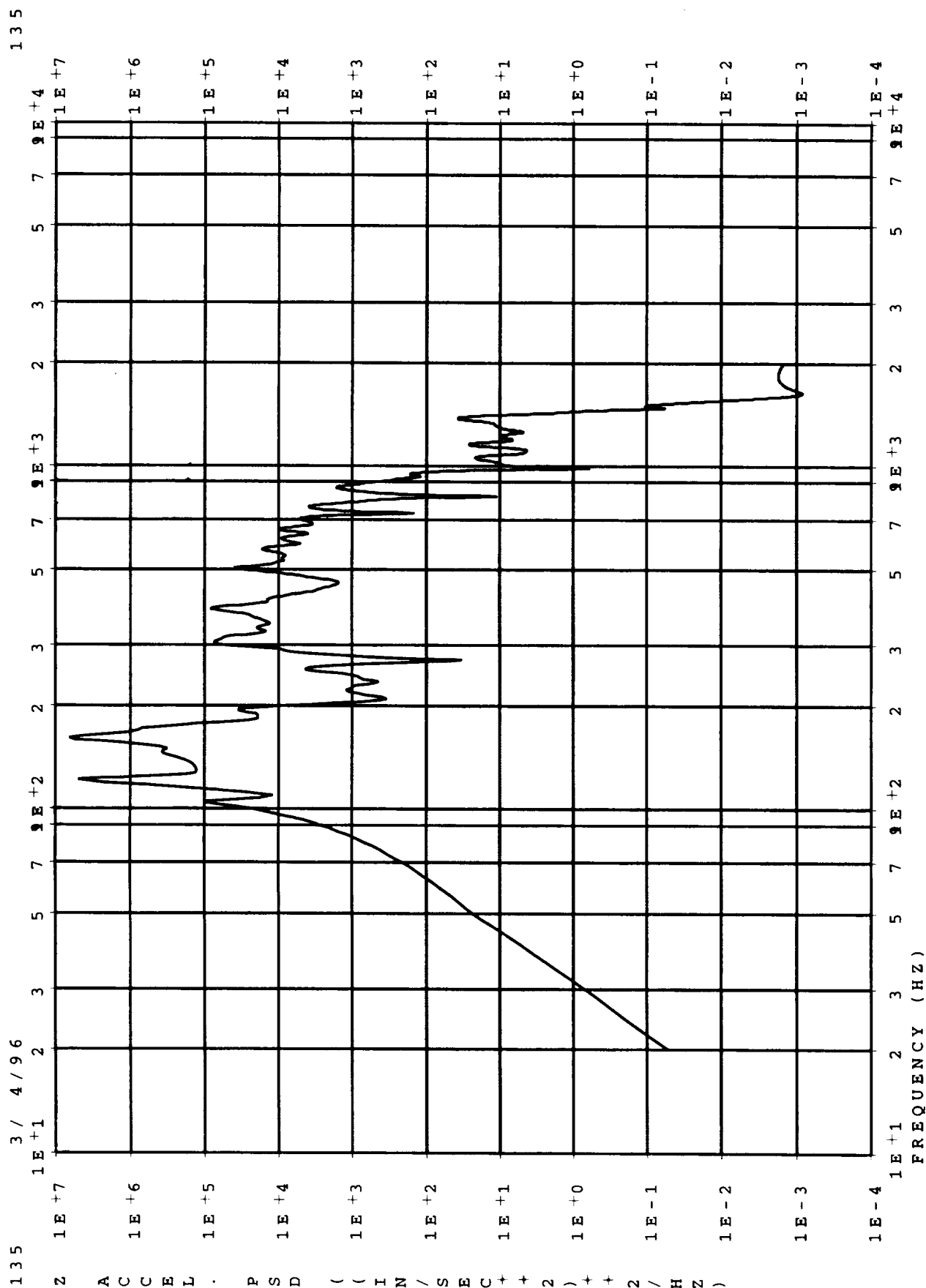
EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)

86

3 / 4 / 96

86





EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)

X Y - O U T P U T S U M M A R Y (A U T O O R P S D F)

PLOT TYPE	CURVE FRAME TYPE NC.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	YMAX FOR ALL DATA	X FOR YMIN	Y FOR ALL DATA	X FOR* YMAX
PSDF	ACCE	1	2201 (3)	4.632953E+03	1.738176E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.219E+06	1.056E+02
PSDF	ACCE	2	2650 (3)	2.462034E+03	2.034218E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.482E+05	1.220E+02
PSDF	ACCE	3	2648 (3)	3.817654E+03	1.574102E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.387E+06	1.056E+02
PSDF	ACCE	4	2650 (3)	4.283460E+03	1.637945E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.862E+06	1.056E+02
PSDF	ACCE	5	2658 (3)	2.504168E+03	2.190306E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.411E+05	1.220E+02
PSDF	ACCE	6	2200 (3)	4.631763E+03	1.737337E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.218E+06	1.056E+02
PSDF	ACCE	7	2205 (3)	5.087897E+03	2.052336E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.664E+06	1.056E+02
PSDF	ACCE	8	2206 (3)	5.090707E+03	2.059209E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.664E+06	1.056E+02
PSDF	ACCE	9	2196 (3)	4.435513E+03	2.306212E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.388E+05	1.056E+02
PSDF	ACCE	10	1890 (3)	6.263589E+03	1.386723E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.588E+06	1.220E+02
PSDF	ACCE	11	2197 (3)	4.433254E+03	2.303194E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.385E+05	1.056E+02
PSDF	ACCE	12	3053 (3)	1.131250E+04	2.396004E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.197E+06	1.056E+02
PSDF	ACCE	13	1835 (3)	6.257722E+03	1.383354E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.583E+06	1.220E+02
PSDF	ACCE	14	1886 (3)	6.257413E+03	1.383210E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.583E+06	1.220E+02
PSDF	ACCE	15	1887 (3)	6.258897E+03	1.384066E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.584E+06	1.220E+02
PSDF	ACCE	16	1888 (3)	6.259571E+03	1.384423E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.585E+06	1.220E+02
PSDF	ACCE	17	3037 (3)	6.693365E+03	1.599218E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.013E+06	1.220E+02
PSDF	ACCE	18	3038 (3)	6.665749E+03	1.682110E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.945E+06	1.220E+02
PSDF	ACCE	19	3039 (3)	6.548295E+03	1.853737E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.754E+06	1.220E+02
PSDF	ACCE	20	3040 (3)	6.335848E+03	1.882531E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.515E+06	1.220E+02
PSDF	ACCE	21	3041 (3)	6.181251E+03	1.787059E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.384E+06	1.220E+02
PSDF	ACCE	22	3042 (3)	6.269146E+03	1.823721E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.475E+06	1.220E+02
PSDF	ACCE	23	3043 (3)	6.459688E+03	1.773417E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.700E+06	1.220E+02
PSDF	ACCE	24	3044 (3)	6.608622E+03	1.631152E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.911E+06	1.220E+02

X Y - O U T P U T S U M M A R Y (A J T C O R P S D F)

PLOT TYPE	CURVE FRAME NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX
PSDF ACCE	25	2097(3)	5.65852E+03	3.93216E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.431E+05	1.056E+02
PSDF ACCE	26	2098(3)	8.077599E+03	3.600245E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.844E+06	1.760E+02
PSDF ACCE	27	2173(3)	8.035928E+03	1.484462E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.734E+06	1.220E+02
PSDF ACCE	28	2202(3)	4.634477E+03	1.739303E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.219E+06	1.056E+02
PSDF ACCE	29	2204(3)	5.086575E+03	2.050140E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.663E+06	1.056E+02
PSDF ACCE	30	2400(3)	6.452467E+05	8.551992E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.487E+11	7.820E+02
PSDF ACCE	31	2135(3)	6.476603E+03	3.192219E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.341E+06	1.056E+02
PSDF ACCE	32	2086(3)	5.252632E+03	2.929604E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.962E+05	1.219E+02
PSDF ACCE	33	2090(3)	5.252395E+03	2.956610E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.880E+05	1.219E+02
PSDF ACCE	34	2441(3)	9.006640E+03	3.269904E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.373E+06	1.219E+02
PSDF ACCE	35	22644(3)	6.042139E+03	3.015977E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.493E+06	1.056E+02
PSDF ACCE	36	22632(3)	4.409459E+03	2.992811E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.103E+06	1.056E+02
PSDF ACCE	37	26206(3)	5.253133E+03	3.623630E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.283E+06	1.640E+02
PSDF ACCE	38	2122(3)	4.502950E+03	1.792275E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.786E+06	1.056E+02
PSDF ACCE	39	27155(3)	1.148656E+04	2.066771E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.557E+06	1.760E+02
PSDF ACCE	40	27156(3)	9.728547E+03	2.858339E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.956E+06	1.760E+02
PSDF ACCE	41	27157(3)	8.818705E+03	3.104843E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.308E+06	2.720E+02
PSDF ACCE	42	27158(3)	9.341813E+03	2.870019E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.115E+06	1.760E+02
PSDF ACCE	43	27159(3)	9.449759E+03	4.394166E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.116E+06	1.760E+02
PSDF ACCE	44	27160(3)	8.763827E+03	5.117405E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.830E+06	1.760E+02
PSDF ACCE	45	27161(3)	6.406038E+03	5.416316E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.447E+05	1.056E+02
PSDF ACCE	46	27162(3)	8.920993E+03	6.211985E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.295E+06	7.580E+02
PSDF ACCE	47	27163(3)	8.406722E+03	5.115040E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.518E+06	1.056E+02
PSDF ACCE	48	27164(3)	7.765539E+03	4.976917E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.022E+06	1.056E+02

X Y - O U T P U T S U M M A R Y (A U T O O R P S D F)

PLOT TYPE	CURVE FRAME TYPE NC.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX
PSDF	ACCE	49	27165 (3)	5.724037E+03	7.183770E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.878E+05 1.058E+02
PSDF	ACCE	50	2201 (4)	3.983401E+03	2.049078E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.112E+05 1.220E+02
PSDF	ACCE	51	2660 (4)	3.800396E+03	2.791536E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.125E+05 1.049E+02
PSDF	ACCE	52	2648 (4)	3.801616E+03	2.784701E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.155E+05 1.049E+02
PSDF	ACCE	53	2650 (4)	4.511119E+03	2.086991E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.033E+06 1.049E+02
PSDF	ACCE	54	2658 (4)	4.510500E+03	2.085391E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.032E+06 1.049E+02
PSDF	ACCE	55	2200 (4)	4.087545E+03	2.271996E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.359E+05 1.220E+02
PSDF	ACCE	56	2205 (4)	3.984140E+03	2.048712E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.111E+05 1.220E+02
PSDF	ACCE	57	2206 (4)	3.962515E+03	2.064945E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.966E+05 1.220E+02
PSDF	ACCE	58	2196 (4)	4.092108E+03	2.280553E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.374E+05 1.220E+02
PSDF	ACCE	59	1890 (4)	7.261990E+03	1.470886E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.267E+06 1.049E+02
PSDF	ACCE	60	2197 (4)	3.983570E+03	2.050668E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.111E+05 1.220E+02
PSDF	ACCE	61	3053 (4)	7.978400E+03	2.443926E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.567E+06 1.220E+02
PSDF	ACCE	62	1885 (4)	6.309413E+03	1.510034E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.042E+06 1.049E+02
PSDF	ACCE	63	1886 (4)	6.347360E+03	1.455897E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.193E+06 1.049E+02
PSDF	ACCE	64	1887 (4)	6.913930E+03	1.288974E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.599E+06 1.049E+02
PSDF	ACCE	65	1888 (4)	7.002062E+03	1.304846E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.776E+06 1.049E+02
PSDF	ACCE	66	3057 (4)	7.180595E+03	1.334062E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.092E+06 1.049E+02
PSDF	ACCE	67	3038 (4)	7.153753E+03	1.321471E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.058E+06 1.049E+02
PSDF	ACCE	68	3039 (4)	7.085639E+03	1.291861E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.975E+06 1.049E+02
PSDF	ACCE	69	3040 (4)	7.013077E+03	1.257318E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.886E+06 1.049E+02
PSDF	ACCE	70	3041 (4)	6.983278E+03	1.243339E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.851E+06 1.049E+02
PSDF	ACCE	71	3042 (4)	7.011749E+03	1.255299E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.888E+06 1.049E+02
PSDF	ACCE	72	3043 (4)	7.084868E+03	1.290583E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.977E+06 1.049E+02

EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)

MARCH 4, 1996 MSC/NASTRAN 8/24/94 PAGE 15

X Y - O U T P U T S U M M A R Y (A U T C O R P S D F)

PLOT TYPE	CURVE FRAME TYPE	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX
PSDF	ACCE	73	3044(4)	7.153034E+03	1.321291E+02	2.000E+03	0.000E+00	1.000E+01	6.060E+06	1.049E+02
PSDF	ACCE	74	2097(4)	3.525672E+03	3.118857E+02	2.000E+03	0.000E+00	1.000E+01	7.308E+05	1.219E+02
PSDF	ACCE	75	2098(4)	3.500380E+03	3.016422E+02	2.000E+03	0.000E+00	1.000E+01	7.273E+05	1.219E+02
PSDF	ACCE	76	2173(4)	7.689053E+03	1.551617E+02	2.000E+03	0.000E+00	1.000E+01	6.680E+06	1.049E+02
PSDF	ACCE	77	2202(4)	3.960065E+03	2.070877E+02	2.000E+03	0.000E+00	1.000E+01	6.954E+05	1.220E+02
PSDF	ACCE	78	2204(4)	4.089638E+03	2.274425E+02	2.000E+03	0.000E+00	1.000E+01	9.346E+05	1.220E+02
PSDF	ACCE	79	2400(4)	3.865574E+03	8.711844E+02	2.000E+03	0.000E+00	1.000E+01	1.193E+04	1.261E+02
PSDF	ACCE	80	2135(4)	4.531460E+03	2.441412E+02	2.000E+03	0.000E+00	1.000E+01	8.237E+05	1.220E+02
PSDF	ACCE	81	2086(4)	5.036729E+03	3.253651E+02	2.000E+03	0.000E+00	1.000E+01	1.444E+06	1.220E+02
PSDF	ACCE	82	2090(4)	4.527964E+03	2.731153E+02	2.000E+03	0.000E+00	1.000E+01	7.954E+05	1.220E+02
PSDF	ACCE	83	2441(4)	5.235817E+03	3.102966E+02	2.000E+03	0.000E+00	1.000E+01	1.630E+06	1.220E+02
PSDF	ACCE	84	2254(4)	4.737698E+03	2.044186E+02	2.000E+03	0.000E+00	1.000E+01	6.150E+05	1.219E+02
PSDF	ACCE	85	22532(4)	3.737396E+03	6.064250E+02	2.000E+03	0.000E+00	1.000E+01	1.599E+05	1.219E+02
PSDF	ACCE	86	26206(4)	1.045480E+04	2.382329E+02	2.000E+03	0.000E+00	1.000E+01	8.155E+06	1.227E+02
PSDF	ACCE	87	2122(4)	1.309795E+04	1.751999E+02	2.000E+03	0.000E+00	1.000E+01	1.035E+07	1.800E+02
PSDF	ACCE	88	27155(4)	3.328945E+03	3.835818E+02	2.000E+03	0.000E+00	1.000E+01	5.737E+05	1.219E+02
PSDF	ACCE	89	27156(4)	3.350705E+03	3.979649E+02	2.000E+03	0.000E+00	1.000E+01	5.704E+05	1.219E+02
PSDF	ACCE	90	27157(4)	3.370700E+03	3.991134E+02	2.000E+03	0.000E+00	1.000E+01	5.811E+05	1.219E+02
PSDF	ACCE	91	27158(4)	3.407585E+03	3.269186E+02	2.000E+03	0.000E+00	1.000E+01	6.637E+05	1.219E+02
PSDF	ACCE	92	27159(4)	3.469636E+03	3.232166E+02	2.000E+03	0.000E+00	1.000E+01	6.959E+05	1.219E+02
PSDF	ACCE	93	27160(4)	3.461803E+03	3.370151E+02	2.000E+03	0.000E+00	1.000E+01	6.809E+05	1.219E+02
PSDF	ACCE	94	27161(4)	3.490264E+03	3.300987E+02	2.000E+03	0.000E+00	1.000E+01	7.000E+05	1.219E+02
PSDF	ACCE	95	27162(4)	3.476438E+03	3.360966E+02	2.000E+03	0.000E+00	1.000E+01	6.864E+05	1.219E+02
PSDF	ACCE	96	27163(4)	3.685172E+03	2.591334E+02	2.000E+03	0.000E+00	1.000E+01	8.409E+05	1.220E+02

X Y - O U T P U T S U M M A R Y (A U T O R P S D F)

PLOT TYPE	CURVE FRAME TYPE NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX
PSDF	ACCE	97	27-54(4)	3.702270E+03	2.669808E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.425E+05 1.220E+02
PSDF	ACCE	98	27-55(4)	3.722134E+03	2.729217E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.480E+05 1.220E+02
PSDF	ACCE	99	220-(5)	2.955594E+03	3.421316E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.849E+05 2.840E+02
PSDF	ACCE	100	2650(5)	2.461248E+03	4.386777E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.014E+05 5.060E+02
PSDF	ACCE	101	2648(5)	1.308735E+03	5.117751E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.197E+04 5.380E+02
PSDF	ACCE	102	2650(5)	1.335256E+03	5.123298E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.594E+04 5.760E+02
PSDF	ACCE	103	2658(5)	2.277059E+03	3.137663E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.082E+05 2.620E+02
PSDF	ACCE	104	2200(5)	2.203778E+03	3.957320E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.534E+05 2.840E+02
PSDF	ACCE	105	2205(5)	2.433473E+03	3.938962E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.759E+04 3.840E+02
PSDF	ACCE	106	2206(5)	2.107821E+03	4.423269E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.022E+04 1.220E+02
PSDF	ACCE	107	2196(5)	2.952602E+03	3.641672E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.907E+05 2.840E+02
PSDF	ACCE	108	1890(5)	1.387415E+03	4.070114E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.131E+05 1.220E+02
PSDF	ACCE	109	2197(5)	2.876429E+03	4.115938E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.841E+05 2.840E+02
PSDF	ACCE	110	3053(5)	7.278847E+03	4.992971E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.548E+05 2.320E+02
PSDF	ACCE	111	1885(5)	2.315031E+03	3.237764E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.081E+05 1.220E+02
PSDF	ACCE	112	1886(5)	2.127477E+03	3.317232E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.659E+04 1.220E+02
PSDF	ACCE	113	1887(5)	1.056931E+03	3.848218E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.910E+04 1.220E+02
PSDF	ACCE	114	1888(5)	1.042946E+03	3.657159E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.439E+04 1.220E+02
PSDF	ACCE	115	3037(5)	1.110039E+03	3.348554E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.625E+04 1.220E+02
PSDF	ACCE	116	3038(5)	1.104435E+03	3.294246E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.040E+04 1.220E+02
PSDF	ACCE	117	3039(5)	1.106754E+03	3.269826E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.255E+04 1.220E+02
PSDF	ACCE	118	3040(5)	1.105410E+03	3.284220E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.046E+04 1.220E+02
PSDF	ACCE	119	3041(5)	1.112459E+03	3.350923E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.561E+04 1.220E+02
PSDF	ACCE	120	3042(5)	1.127872E+03	3.438146E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.118E+04 1.220E+02

X Y - C O U T P U T S U M M A R Y (A J T C O R P S D F)

PLOT TYPE	CURVE FRAME TYPE	CURVE NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX
PSDF	ACCE	121	3043(5)	1.135777E+03	3.465258E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.982E+04	1.220E+02
PSDF	ACCE	122	3044(5)	1.1233336E+03	3.417997E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.178E+04	1.220E+02
PSDF	ACCE	123	2097(5)	1.199399E+03	6.079353E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.944E+04	1.220E+02
PSDF	ACCE	124	2098(5)	7.995901E+02	6.152178E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.371E+03	1.219E+02
PSDF	ACCE	125	2173(5)	1.116564E+03	3.330795E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.806E+04	1.220E+02
PSDF	ACCE	126	2202(5)	2.344672E+03	4.929494E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.181E+05	2.840E+02
PSDF	ACCE	127	2204(5)	2.433448E+03	5.656253E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.391E+04	3.840E+02
PSDF	ACCE	128	2400(5)	8.668843E+05	8.855536E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.975E+11	7.560E+02
PSDF	ACCE	129	2135(5)	1.851962E+03	4.437544E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.612E+05	1.220E+02
PSDF	ACCE	130	2086(5)	1.821233E+03	5.826166E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.265E+04	1.220E+02
PSDF	ACCE	131	2090(5)	1.860346E+03	6.956931E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.511E+04	1.056E+02
PSDF	ACCE	132	2441(5)	2.583449E+03	4.885851E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.280E+05	1.220E+02
PSDF	ACCE	133	22644(5)	3.636196E+03	3.119929E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.417E+05	1.480E+02
PSDF	ACCE	134	22632(5)	3.827808E+03	3.920641E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.575E+05	1.480E+02
PSDF	ACCE	135	26206(5)	9.258895E+03	1.959680E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.449E+06	1.620E+02
PSDF	ACCE	136	2122(5)	1.385583E+03	4.138221E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.088E+05	1.220E+02
PSDF	ACCE	137	27155(5)	6.38337E+02	6.489111E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.212E+03	1.219E+02
PSDF	ACCE	138	27156(5)	9.677783E+02	6.298308E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.721E+04	1.220E+02
PSDF	ACCE	139	27157(5)	1.434208E+03	5.997610E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.871E+04	1.220E+02
PSDF	ACCE	140	27158(5)	6.287777E+02	6.286603E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.885E+03	1.219E+02
PSDF	ACCE	141	27159(5)	8.986093E+02	6.199225E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.339E+04	1.220E+02
PSDF	ACCE	142	27160(5)	1.081832E+03	6.165627E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.258E+04	1.220E+02
PSDF	ACCE	143	27161(5)	1.286178E+03	6.091996E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.500E+04	1.220E+02
PSDF	ACCE	144	27162(5)	1.511652E+03	6.009965E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.277E+04	1.220E+02

XY-OUTPUT SUMMARY (AUTORPSDF)

PLOT TYPE	CURVE FRAME TYPE	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	YMAX FOR ALL DATA	X FOR YMIN	X FOR YMAX	
PSDF	ACCE	145	27163(5)	6.571806E+02	5.918943E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.347E+03	1.219E+02
PSDF	ACCE	146	27164(5)	1.011869E+03	6.003043E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.840E+04	1.220E+02
PSDF	ACCE	147	27165(5)	1.606308E+03	5.946271E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.897E+04	1.220E+02
PSDF	DISP	147	2201(3)	7.944083E-03	1.153331E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.294E-06	1.056E+02
PSDF	DISP	147	2660(3)	3.767087E-03	1.240049E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.588E-06	1.220E+02
PSDF	DISP	147	2648(3)	7.708133E-03	1.097235E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.165E-06	1.056E+02
PSDF	DISP	147	2650(3)	8.721620E-03	1.091350E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.617E-06	1.056E+02
PSDF	DISP	147	2658(3)	3.647112E-03	1.265129E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.567E-06	1.220E+02
PSDF	DISP	147	23636(3)	2.202634E-04	3.642729E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.651E-09	1.880E+02
PSDF	DISP	147	23637(3)	6.074593E-04	2.011833E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.914E-08	1.880E+02
PSDF	DISP	147	23638(3)	9.491377E-04	1.904466E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.324E-08	1.880E+02
PSDF	DISP	147	23639(3)	1.142554E-03	1.873844E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.071E-07	1.880E+02
PSDF	DISP	147	23640(3)	1.166495E-03	1.873351E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.118E-07	1.880E+02
PSDF	DISP	147	23641(3)	1.057444E-03	1.889936E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.108E-08	1.880E+02
PSDF	DISP	147	23642(3)	8.801622E-04	1.917686E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.160E-08	1.880E+02
PSDF	DISP	147	23643(3)	7.227939E-04	1.964052E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.979E-08	1.880E+02
PSDF	DISP	147	23644(3)	5.951782E-04	2.027003E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.551E-08	1.860E+02
PSDF	DISP	147	23645(3)	5.388920E-04	2.042079E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.866E-08	1.860E+02
PSDF	DISP	147	23646(3)	5.572871E-04	2.497303E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.582E-08	1.860E+02
PSDF	DISP	147	23647(3)	3.307380E-04	3.676041E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.944E-09	1.880E+02
PSDF	DISP	147	23648(3)	6.010182E-04	2.006256E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.728E-08	1.880E+02
PSDF	DISP	147	23649(3)	8.515537E-04	1.934296E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.648E-08	1.880E+02
PSDF	DISP	147	23650(3)	1.000982E-03	1.895305E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.886E-08	1.880E+02
PSDF	DISP	147	23651(3)	1.018486E-03	1.870277E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.180E-08	1.880E+02

X Y - O U T P U T S U M M A R Y (A U T C O R P S D F)										
PLOT TYPE	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX	
PSDF DISP	147	23652(3)	9.543930E-04	1.911250E+02	2.000E+03	0.000E+00	1.000E+01	7.109E-08	1.880E+02	
PSDF DISP	147	23653(3)	8.291605E-04	1.946383E+02	2.000E+03	0.000E+00	1.000E+01	5.229E-08	1.880E+02	
PSDF DISP	147	23654(3)	7.021256E-04	1.937461E+02	2.000E+03	0.000E+00	1.000E+01	3.654E-08	1.860E+02	
PSDF DISP	147	23655(3)	6.057184E-04	2.003457E+02	2.000E+03	0.000E+00	1.000E+01	2.606E-08	1.860E+02	
PSDF DISP	147	23656(3)	5.564798E-04	2.038948E+02	2.000E+03	0.000E+00	1.000E+01	1.999E-08	1.860E+02	
PSDF DISP	147	23657(3)	5.751087E-04	2.358420E+02	2.000E+03	0.000E+00	1.000E+01	1.760E-08	1.860E+02	
PSDF DISP	147	23658(3)	1.290161E-02	1.240802E+02	2.000E+03	0.000E+00	1.000E+01	3.324E-05	1.227E+02	
PSDF DISP	147	23659(3)	2.791360E-03	2.390488E+02	2.000E+03	0.000E+00	1.000E+01	2.713E-07	1.227E+02	
PSDF DISP	147	23660(3)	1.387262E-02	1.476614E+02	2.000E+03	0.000E+00	1.000E+01	1.211E-05	1.620E+02	
PSDF DISP	147	23661(3)	1.384815E-02	1.477587E+02	2.000E+03	0.000E+00	1.000E+01	1.210E-05	1.620E+02	
PSDF DISP	147	23662(3)	7.899863E-03	1.339245E+02	2.000E+03	0.000E+00	1.000E+01	7.239E-06	1.219E+02	
PSDF DISP	147	23663(3)	2.047653E-02	1.522065E+02	2.000E+03	0.000E+00	1.000E+01	2.572E-05	1.620E+02	
PSDF DISP	147	2441(3)	1.349865E-02	1.170367E+02	2.000E+03	0.000E+00	1.000E+01	1.667E-05	1.056E+02	
PSDF DISP	147	2200(3)	7.943396E-03	1.153341E+02	2.000E+03	0.000E+00	1.000E+01	6.294E-06	1.056E+02	
PSDF DISP	147	2205(3)	9.154653E-03	1.138189E+02	2.000E+03	0.000E+00	1.000E+01	8.593E-06	1.056E+02	
PSDF DISP	147	2206(3)	9.156743E-03	1.138230E+02	2.000E+03	0.000E+00	1.000E+01	8.596E-06	1.056E+02	
PSDF DISP	147	2196(3)	6.733258E-03	1.182945E+02	2.000E+03	0.000E+00	1.000E+01	4.333E-06	1.056E+02	
PSDF DISP	147	1890(3)	1.073187E-02	1.195485E+02	2.000E+03	0.000E+00	1.000E+01	1.039E-05	1.220E+02	
PSDF DISP	147	2197(3)	6.731890E-03	1.182899E+02	2.000E+03	0.000E+00	1.000E+01	4.331E-06	1.056E+02	
PSDF DISP	147	3053(3)	1.369905E-02	1.286830E+02	2.000E+03	0.000E+00	1.000E+01	1.651E-05	1.056E+02	
PSDF DISP	147	1885(3)	1.072469E-02	1.195428E+02	2.000E+03	0.000E+00	1.000E+01	1.038E-05	1.220E+02	
PSDF DISP	147	1886(3)	1.072429E-02	1.195424E+02	2.000E+03	0.000E+00	1.000E+01	1.038E-05	1.220E+02	
PSDF DISP	147	1887(3)	1.072611E-02	1.195439E+02	2.000E+03	0.000E+00	1.000E+01	1.038E-05	1.220E+02	
PSDF DISP	147	1888(3)	1.072696E-02	1.195445E+02	2.000E+03	0.000E+00	1.000E+01	1.038E-05	1.220E+02	

X Y - O U T P U T S U M M A R Y (A U T O O R P S D F)

PLOT TYPE	CURVE FRAME TYPE NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX
PSDF DISP	147	3037(3)	1.128819E-02	1.199524E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.162E-05 1.220E+02
PSDF DISP	147	3038(3)	1.133673E-02	1.193325E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.142E-05 1.220E+02
PSDF DISP	147	3039(3)	1.114891E-02	1.189721E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.087E-05 1.220E+02
PSDF DISP	147	3040(3)	1.078074E-02	1.189985E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.018E-05 1.220E+02
PSDF DISP	147	3041(3)	1.047293E-02	1.194371E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.801E-06 1.220E+02
PSDF DISP	147	3042(3)	1.047429E-02	1.201530E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.007E-05 1.220E+02
PSDF DISP	147	3043(3)	1.072328E-02	1.205840E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.072E-05 1.220E+02
PSDF DISP	147	3044(3)	1.103471E-02	1.204773E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.133E-05 1.220E+02
PSDF DISP	147	2097(3)	6.366943E-03	1.243026E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.838E-06 1.056E+02
PSDF DISP	147	2098(3)	9.116304E-03	1.266928E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.546E-06 1.056E+02
PSDF DISP	147	21086(3)	3.904675E-03	1.129290E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.969E-06 1.056E+02
PSDF DISP	147	21126(3)	3.778229E-03	1.122555E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.863E-06 1.056E+02
PSDF DISP	147	21139(3)	3.766075E-03	1.121936E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.853E-06 1.056E+02
PSDF DISP	147	21150(3)	3.756189E-03	1.121462E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.845E-06 1.056E+02
PSDF DISP	147	21159(3)	3.767401E-03	1.122103E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.854E-06 1.056E+02
PSDF DISP	147	21160(3)	3.758958E-03	1.121637E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.847E-06 1.056E+02
PSDF DISP	147	21161(3)	3.767228E-03	1.121931E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.854E-06 1.056E+02
PSDF DISP	147	21094(3)	3.874999E-03	1.127760E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.945E-06 1.056E+02
PSDF DISP	147	21190(3)	4.152541E-03	1.118780E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.243E-06 1.056E+02
PSDF DISP	147	21198(3)	4.097785E-03	1.116529E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.193E-06 1.056E+02
PSDF DISP	147	21206(3)	4.037210E-03	1.116252E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.183E-06 1.056E+02
PSDF DISP	147	21214(3)	4.068666E-03	1.115614E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.166E-06 1.056E+02
PSDF DISP	147	21227(3)	4.052879E-03	1.115090E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.152E-06 1.056E+02
PSDF DISP	147	21238(3)	4.040746E-03	1.114721E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.141E-06 1.056E+02

EOS/AMSU-A2 STRUCTURAL MODEL
QUIL. LEVEL RANDOM VIBRATION (9.97 GRMS)

MARCH 4, 1996 MSC/NASTRAN 8/24/94 PAGE 21

Report 10515
1 Apr 96

X Y - O U T P U T S U M M A R Y (A J T C O R P S D F)

PLOT TYPE	CURVE FRAME TYPE NC.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX
PSDF DISP	147	21249(3)	4.051550E-03	1.115295E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.151E-06	1.056E+02
PSDF DISP	147	21085(3)	3.559097E-03	1.111080E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.685E-06	1.056E+02
PSDF DISP	147	21093(3)	3.544922E-03	1.110180E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.674E-06	1.056E+02
PSDF DISP	147	21101(3)	3.504426E-03	1.108071E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.641E-06	1.056E+02
PSDF DISP	147	21109(3)	3.473438E-03	1.106500E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.615E-06	1.056E+02
PSDF DISP	147	21117(3)	3.442181E-03	1.104884E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.590E-06	1.056E+02
PSDF DISP	147	21149(3)	3.412995E-03	1.103294E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.566E-06	1.056E+02
PSDF DISP	147	21158(3)	3.415640E-03	1.103363E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.568E-06	1.056E+02
PSDF DISP	147	21165(3)	3.423431E-03	1.103755E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.574E-06	1.056E+02
PSDF DISP	147	21166(3)	3.431274E-03	1.104034E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.581E-06	1.056E+02
PSDF DISP	147	21173(3)	3.866655E-03	1.106112E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.987E-06	1.056E+02
PSDF DISP	147	21181(3)	3.848711E-03	1.105299E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.971E-06	1.056E+02
PSDF DISP	147	21205(3)	3.727092E-03	1.100435E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.864E-06	1.056E+02
PSDF DISP	147	21213(3)	3.715909E-03	1.100121E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.854E-06	1.056E+02
PSDF DISP	147	21226(3)	3.693183E-03	1.099268E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.834E-06	1.056E+02
PSDF DISP	147	21237(3)	3.683960E-03	1.098976E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.828E-06	1.056E+02
PSDF DISP	147	21246(3)	3.684991E-03	1.099090E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.828E-06	1.056E+02
PSDF DISP	147	21253(3)	3.693176E-03	1.099461E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.835E-06	1.056E+02
PSDF DISP	147	21118(3)	3.791646E-03	1.123248E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.875E-06	1.056E+02
PSDF DISP	147	21174(3)	4.220492E-03	1.121775E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.305E-06	1.056E+02
PSDF DISP	147	21182(3)	4.193235E-03	1.120462E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.281E-06	1.056E+02
PSDF DISP	147	21102(3)	3.842502E-03	1.125929E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.918E-06	1.056E+02
PSDF DISP	147	21110(3)	3.796021E-03	1.123472E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.879E-06	1.056E+02
PSDF DISP	147	21247(3)	4.051844E-03	1.115346E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.151E-06	1.056E+02

X Y - O U T P U T S U M M A R Y (A U T O R P S D F)

PLOT TYPE	CURVE FRAME TYPE NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX
PSDF DISP	147	21248(3)	4.042979E-03	1.114993E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.143E-06	1.056E+02
PSDF DISP	147	21125(3)	3.436998E-03	1.104616E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.585E-06	1.056E+02
PSDF DISP	147	21138(3)	3.419169E-03	1.103652E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.571E-06	1.056E+02
PSDF DISP	147	21189(3)	3.806844E-03	1.103460E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.935E-06	1.056E+02
PSDF DISP	147	21197(3)	3.767568E-03	1.101968E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.900E-06	1.056E+02
PSDF DISP	147	21254(3)	3.700689E-03	1.099737E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.842E-06	1.056E+02
PSDF DISP	147	2204(3)	9.153940E-03	1.138153E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.593E-06	1.056E+02
PSDF DISP	147	2202(3)	7.944992E-03	1.153442E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.295E-06	1.056E+02
PSDF DISP	147	22644(3)	8.367205E-03	1.221988E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.712E-06	1.056E+02
PSDF DISP	147	22632(3)	6.886297E-03	1.167377E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.697E-06	1.056E+02
PSDF DISP	147	2752(3)	8.922925E-03	1.117224E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.046E-06	1.056E+02
PSDF DISP	147	2758(3)	5.023091E-03	1.285738E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.962E-06	1.220E+02
PSDF DISP	147	2748(3)	5.580588E-03	1.158765E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.560E-06	1.056E+02
PSDF DISP	147	618(3)	1.079614E-02	1.142941E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.200E-05	1.056E+02
PSDF DISP	147	603(3)	1.750628E-02	1.580298E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.412E-05	1.056E+02
PSDF DISP	147	2441(3)	1.348965E-02	1.170367E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.667E-05	1.056E+02
PSDF DISP	147	25803(3)	2.179061E-02	1.487027E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.358E-05	1.220E+02
PSDF DISP	147	2175(3)	3.706257E-03	1.281493E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.519E-06	1.220E+02
PSDF DISP	147	2086(3)	6.596053E-03	1.243574E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.725E-06	1.056E+02
PSDF DISP	147	26116(3)	1.512733E-02	1.670698E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.152E-05	1.620E+02
PSDF DISP	147	26146(3)	2.017217E-02	1.546908E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.419E-05	1.620E+02
PSDF DISP	147	26336(3)	9.271096E-03	1.458106E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.573E-06	1.620E+02
PSDF DISP	147	26417(3)	1.526828E-02	1.365258E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.762E-05	1.220E+02
PSDF DISP	147	26082(3)	4.880688E-03	1.630450E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.779E-06	1.640E+02

X Y - O U T P U T S U M M A R Y (A U T C O R P S D F)

PLOT TYPE	CURVE TYPE	FRAME NO.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX
PSDF	DISP	147	2.218780E-10	4.011886E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.339E-21	2.000E+01
PSDF	DISP	147	1.308525E-02	1.382337E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.219E-05	1.056E+02
PSDF	DISP	147	9.501130E-03	1.417475E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.372E-06	1.056E+02
PSDF	DISP	147	5.297970E-03	1.746734E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.876E-06	1.056E+02
PSDF	DISP	147	1.134970E-02	1.306265E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.065E-05	1.056E+02
PSDF	DISP	147	8.933844E-03	1.310719E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.937E-06	1.056E+02
PSDF	DISP	147	7.928172E-03	1.322191E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.291E-06	1.056E+02
PSDF	DISP	147	5.992618E-03	1.269611E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.330E-06	1.056E+02
PSDF	DISP	147	4.962874E-03	1.492712E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.085E-06	1.056E+02
PSDF	DISP	147	8.903219E-03	1.219606E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.841E-06	1.056E+02
PSDF	DISP	147	7.358018E-03	1.249034E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.278E-06	1.056E+02
PSDF	DISP	147	4.595906E-03	1.263373E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.003E-06	1.056E+02
PSDF	DISP	147	1.338816E-02	6.366980E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.119E-06	2.000E+01
PSDF	DISP	147	1.386566E-02	6.414845E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.138E-06	2.000E+01
PSDF	DISP	147	1.386878E-02	6.416230E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.138E-06	2.000E+01
PSDF	DISP	147	1.538241E-02	7.155508E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.078E-05	1.049E+02
PSDF	DISP	147	1.538271E-02	7.155833E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.078E-05	1.049E+02
PSDF	DISP	147	1.389310E-02	7.006380E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.135E-06	2.000E+01
PSDF	DISP	147	1.334796E-02	6.411517E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.111E-06	2.000E+01
PSDF	DISP	147	1.338840E-02	6.367327E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.119E-06	2.000E+01
PSDF	DISP	147	1.345781E-02	6.358102E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.128E-06	2.000E+01
PSDF	DISP	147	1.334871E-02	6.413283E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.111E-06	2.000E+01
PSDF	DISP	147	2.031133E-02	8.578570E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.323E-05	1.049E+02
PSDF	DISP	147	1.338807E-02	6.366743E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.119E-06	2.000E+01

XY-OUTPUT SUMMARY (AUTORPSDF)

PLOT TYPE	CURVE FRAME TYPE NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	YMAX FOR ALL DATA	X FOR YMIN	Y FOR ALL DATA	X FOR* YMAX
PSDF	DISP	147	3053 (4)	1.698131E-02	8.822714E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.323E-05	1.220E+02
PSDF	DISP	147	1885 (4)	1.818413E-02	8.153343E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.143E-05	1.049E+02
PSDF	DISP	147	1886 (4)	1.833102E-02	8.182431E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.223E-05	1.049E+02
PSDF	DISP	147	1887 (4)	1.969275E-02	8.458603E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.969E-05	1.049E+02
PSDF	DISP	147	1888 (4)	1.985953E-02	8.491551E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.063E-05	1.049E+02
PSDF	DISP	147	3037 (4)	2.016983E-02	8.551636E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.230E-05	1.049E+02
PSDF	DISP	147	3038 (4)	2.013264E-02	8.544261E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.212E-05	1.049E+02
PSDF	DISP	147	3039 (4)	2.003850E-02	8.524679E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.169E-05	1.049E+02
PSDF	DISP	147	3040 (4)	1.993784E-02	8.504005E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.121E-05	1.049E+02
PSDF	DISP	147	3041 (4)	1.999665E-02	8.495196E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.103E-05	1.049E+02
PSDF	DISP	147	3042 (4)	1.993794E-02	8.503592E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.122E-05	1.049E+02
PSDF	DISP	147	3043 (4)	2.003893E-02	8.524619E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.170E-05	1.049E+02
PSDF	DISP	147	3044 (4)	2.013288E-02	8.543918E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.214E-05	1.049E+02
PSDF	DISP	147	2097 (4)	1.275977E-02	5.964523E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.042E-06	2.000E+01
PSDF	DISP	147	2098 (4)	1.275882E-02	5.957840E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.042E-06	2.000E+01
PSDF	DISP	147	21086 (4)	1.327327E-02	7.878665E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.054E-06	2.000E+01
PSDF	DISP	147	21126 (4)	2.146067E-02	1.495480E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.594E-05	1.920E+02
PSDF	DISP	147	21139 (4)	1.907022E-02	1.389179E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.047E-05	1.900E+02
PSDF	DISP	147	21150 (4)	1.717597E-02	1.265149E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.184E-06	2.000E+01
PSDF	DISP	147	21159 (4)	1.583543E-02	1.144538E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.171E-06	2.000E+01
PSDF	DISP	147	21160 (4)	1.528125E-02	1.088137E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.170E-06	2.000E+01
PSDF	DISP	147	21161 (4)	1.526356E-02	1.105028E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.180E-06	2.000E+01
PSDF	DISP	147	21094 (4)	1.651647E-02	1.224568E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.131E-06	2.000E+01
PSDF	DISP	147	21190 (4)	2.023559E-02	1.446016E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.193E-05	1.920E+02

EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)

MARCH 4, 1996 MSC/NASTRAN 8/24/94 PAGE 25

Report 10515
1 Apr 96

XY-OUTPUT SUMMARY (AUTO CRPSDF)

PLOT TYPE	CURVE FRAME TYPE NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX
PSDF DISP	147	21198(4)	2.259111E-02	1.529129E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.747E-05	1.920E+02
PSDF DISP	147	21206(4)	2.279526E-02	1.532721E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.814E-05	1.920E+02
PSDF DISP	147	21214(4)	2.123670E-02	1.478973E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.452E-05	1.920E+02
PSDF DISP	147	21227(4)	1.892910E-02	1.372520E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.505E-06	1.920E+02
PSDF DISP	147	21238(4)	1.710725E-02	1.250977E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.189E-06	2.000E+01
PSDF DISP	147	21249(4)	1.531089E-02	1.105109E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.183E-06	2.000E+01
PSDF DISP	147	21085(4)	1.339844E-02	8.796710E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.040E-06	2.000E+01
PSDF DISP	147	21093(4)	1.591702E-02	1.193963E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.100E-06	2.000E+01
PSDF DISP	147	21101(4)	1.865826E-02	1.390059E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.849E-06	1.900E+02
PSDF DISP	147	21109(4)	2.042789E-02	1.471725E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.371E-05	1.920E+02
PSDF DISP	147	21117(4)	2.055834E-02	1.474897E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.414E-05	1.920E+02
PSDF DISP	147	21149(4)	1.663269E-02	1.231090E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.161E-06	2.000E+01
PSDF DISP	147	21158(4)	1.567593E-02	1.136583E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.157E-06	2.000E+01
PSDF DISP	147	21165(4)	1.520702E-02	1.086510E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.159E-06	2.000E+01
PSDF DISP	147	21166(4)	1.523698E-02	1.108831E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.172E-06	2.000E+01
PSDF DISP	147	21173(4)	1.338376E-02	8.646045E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.042E-06	2.000E+01
PSDF DISP	147	21181(4)	1.563529E-02	1.177956E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.104E-06	2.000E+01
PSDF DISP	147	21205(4)	2.036750E-02	1.458147E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.289E-05	1.920E+02
PSDF DISP	147	21213(4)	1.950412E-02	1.414977E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.103E-05	1.920E+02
PSDF DISP	147	21226(4)	1.796552E-02	1.324045E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.181E-06	2.000E+01
PSDF DISP	147	21237(4)	1.659396E-02	1.217062E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.169E-06	2.000E+01
PSDF DISP	147	21246(4)	1.568134E-02	1.127729E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.163E-06	2.000E+01
PSDF DISP	147	21253(4)	1.524417E-02	1.083994E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.164E-06	2.000E+01
PSDF DISP	147	21118(4)	2.307407E-02	1.548322E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.993E-05	1.920E+02

X Y - O U T P U T S U M M A R Y (A U T O O R P S D F)

PLOT TYPE	CURVE FRAME TYPE NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX
PSDF DISP	147	21174(4)	1.327580E-02	7.821163E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.055E-06	2.000E+01
PSDF DISP	147	21182(4)	1.642318E-02	1.209311E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.134E-06	2.000E+01
PSDF DISP	147	21102(4)	2.044759E-02	1.462500E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.329E-05	1.900E+02
PSDF DISP	147	21110(4)	2.285929E-02	1.544766E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.919E-05	1.900E+02
PSDF DISP	147	21247(4)	1.582371E-02	1.136122E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.175E-06	2.000E+01
PSDF DISP	147	21248(4)	1.530430E-02	1.085017E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.173E-06	2.000E+01
PSDF DISP	147	21125(4)	1.965910E-02	1.432230E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.210E-05	1.920E+02
PSDF DISP	147	21138(4)	1.806117E-02	1.340988E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.629E-06	1.900E+02
PSDF DISP	147	21189(4)	1.650195E-02	1.373072E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.880E-06	1.920E+02
PSDF DISP	147	21197(4)	2.022997E-02	1.455072E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.250E-05	1.920E+02
PSDF DISP	147	21254(4)	1.529919E-02	1.111378E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.176E-06	2.000E+01
PSDF DISP	147	2204(4)	1.334789E-02	6.411469E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.111E-06	2.000E+01
PSDF DISP	147	2202(4)	1.345709E-02	6.356305E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.128E-06	2.000E+01
PSDF DISP	147	22644(4)	1.279653E-02	6.714888E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.031E-06	2.000E+01
PSDF DISP	147	22632(4)	1.173988E-02	5.042923E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.908E-06	2.000E+01
PSDF DISP	147	2752(4)	1.537222E-02	7.494788E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.019E-05	1.049E+02
PSDF DISP	147	2758(4)	1.560257E-02	8.192549E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.031E-05	1.049E+02
PSDF DISP	147	2748(4)	1.339153E-02	6.229609E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.108E-06	2.000E+01
PSDF DISP	147	618(4)	1.334201E-02	6.347250E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.099E-06	2.000E+01
PSDF DISP	147	603(4)	1.376617E-02	6.862791E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.127E-06	2.000E+01
PSDF DISP	147	2441(4)	1.399310E-02	7.006380E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.135E-06	2.000E+01
PSDF DISP	147	25803(4)	1.999620E-02	1.083389E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.497E-05	1.049E+02
PSDF DISP	147	2175(4)	1.712774E-02	7.803850E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.851E-05	1.049E+02
PSDF DISP	147	2086(4)	1.372997E-02	6.384706E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.130E-06	2.000E+01

EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)

MARCH 4, 1996 MSC/NASTRAN 8/24/94 PAGE 27

X Y - O U T P U T S U M M A R Y (A U T C O R P S D F)

PLOT TYPE	CURVE FRAME TYPE NO.	CURVE ID.	RMS VALCE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX
PSDF DISP	147	26116(4)	2.1148580E-02	1.105536E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.202E-05	1.227E+02
PSDF DISP	147	26146(4)	1.8089783E-02	8.956667E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.185E-05	1.227E+02
PSDF DISP	147	26336(4)	1.915114E-02	1.083137E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.155E-05	1.227E+02
PSDF DISP	147	26417(4)	1.915767E-02	1.086596E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.118E-05	1.049E+02
PSDF DISP	147	26082(4)	1.807765E-02	8.934517E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.166E-05	1.227E+02
PSDF DISP	147	24000(4)	1.109684E-02	4.450638E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.775E-06	2.000E+01
PSDF DISP	147	27155(4)	1.249779E-02	5.707983E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.014E-06	2.000E+01
PSDF DISP	147	27156(4)	1.249500E-02	5.706124E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.013E-06	2.000E+01
PSDF DISP	147	27157(4)	1.251002E-02	5.724442E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.015E-06	2.000E+01
PSDF DISP	147	27158(4)	1.265769E-02	5.856779E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.032E-06	2.000E+01
PSDF DISP	147	27159(4)	1.270683E-02	5.909705E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.037E-06	2.000E+01
PSDF DISP	147	27160(4)	1.269063E-02	5.886754E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.034E-06	2.000E+01
PSDF DISP	147	27161(4)	1.271000E-02	5.917088E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.037E-06	2.000E+01
PSDF DISP	147	27162(4)	1.268659E-02	5.896023E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.035E-06	2.000E+01
PSDF DISP	147	27163(4)	1.293481E-02	6.129417E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.060E-06	2.000E+01
PSDF DISP	147	27164(4)	1.293160E-02	6.132383E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.060E-06	2.000E+01
PSDF DISP	147	27165(4)	1.293509E-02	6.140369E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.060E-06	2.000E+01
PSDF DISP	147	2201(5)	1.063486E-03	2.458898E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.086E-08	1.220E+02
PSDF DISP	147	2560(5)	1.648270E-03	1.468572E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.849E-07	1.220E+02
PSDF DISP	147	2648(5)	4.936876E-04	1.814088E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.654E-08	1.227E+02
PSDF DISP	147	2550(5)	5.733857E-04	1.679817E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.696E-08	1.220E+02
PSDF DISP	147	2558(5)	1.255871E-03	1.817024E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.962E-08	1.049E+02
PSDF DISP	147	2441(5)	2.323398E-03	1.307419E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.603E-07	1.220E+02
PSDF DISP	147	2200(5)	7.114973E-04	2.653201E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.513E-08	2.840E+02

X Y - O U T P U T S U M M A R Y (A U T O R P S D F)

PLOT TYPE	CURVE TYPE	FRAME NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX
PSDF	DISP	147	2205(5)	1.121030E-03	1.864032E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.198E-07	1.220E+02
PSDF	DISP	147	2206(5)	1.375293E-03	1.527621E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.034E-07	1.220E+02
PSDF	DISP	147	2196(5)	3.948817E-04	2.682617E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.881E-08	2.840E+02
PSDF	DISP	147	1890(5)	1.767918E-03	1.256967E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.275E-07	1.220E+02
PSDF	DISP	147	2197(5)	9.135762E-04	2.546731E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.329E-08	1.049E+02
PSDF	DISP	147	3053(5)	2.646742E-03	2.199315E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.649E-07	1.220E+02
PSDF	DISP	147	1885(5)	1.810937E-03	1.489692E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.132E-07	1.220E+02
PSDF	DISP	147	1886(5)	1.535166E-03	1.536036E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.218E-07	1.220E+02
PSDF	DISP	147	1887(5)	7.653000E-04	1.447304E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.532E-08	1.220E+02
PSDF	DISP	147	1888(5)	9.964852E-04	1.328828E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.961E-08	1.220E+02
PSDF	DISP	147	3037(5)	1.360469E-03	1.266705E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.919E-07	1.220E+02
PSDF	DISP	147	3038(5)	1.363276E-03	1.270414E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.039E-07	1.220E+02
PSDF	DISP	147	3039(5)	1.368898E-03	1.272285E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.101E-07	1.220E+02
PSDF	DISP	147	3040(5)	1.361315E-03	1.271533E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.041E-07	1.220E+02
PSDF	DISP	147	3041(5)	1.354157E-03	1.268168E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.900E-07	1.220E+02
PSDF	DISP	147	3042(5)	1.358931E-03	1.263164E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.772E-07	1.220E+02
PSDF	DISP	147	3043(5)	1.364604E-03	1.261198E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.733E-07	1.220E+02
PSDF	DISP	147	3044(5)	1.360758E-03	1.262974E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.789E-07	1.220E+02
PSDF	DISP	147	2097(5)	8.972619E-04	1.403718E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.527E-08	1.220E+02
PSDF	DISP	147	2098(5)	5.566053E-04	1.441922E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.723E-08	1.219E+02
PSDF	DISP	147	21086(5)	3.546144E-03	1.493348E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.209E-07	1.480E+02
PSDF	DISP	147	21126(5)	1.808121E-03	1.537384E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.991E-07	1.480E+02
PSDF	DISP	147	21139(5)	1.484087E-03	1.702235E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.326E-07	1.480E+02
PSDF	DISP	147	21150(5)	1.193954E-03	1.783975E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.965E-08	1.480E+02

X Y - O U T P U T S U M M A R Y (A U T O C R P S D F)

PLOT TYPE	CURVE TYPE	FRAME NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX
PSDF	DISP	147	21159(5)	9.667308E-04	1.854892E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.982E-08	1.480E+02
PSDF	DISP	147	21160(5)	8.624718E-04	1.818886E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.406E-08	1.220E+02
PSDF	DISP	147	21161(5)	9.307641E-04	1.640928E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.982E-08	1.056E+02
PSDF	DISP	147	21094(5)	3.213859E-03	1.507277E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.978E-07	1.480E+02
PSDF	DISP	147	21190(5)	3.008745E-03	1.504735E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.483E-07	1.480E+02
PSDF	DISP	147	21198(5)	2.640276E-03	1.530485E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.272E-07	1.480E+02
PSDF	DISP	147	21206(5)	2.282716E-03	1.564616E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.229E-07	1.480E+02
PSDF	DISP	147	21214(5)	1.928138E-03	1.612285E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.315E-07	1.480E+02
PSDF	DISP	147	21227(5)	1.594066E-03	1.677191E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.558E-07	1.480E+02
PSDF	DISP	147	21238(5)	1.291719E-03	1.761622E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.503E-08	1.480E+02
PSDF	DISP	147	21249(5)	9.734189E-04	1.698768E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.428E-08	1.056E+02
PSDF	DISP	147	21085(5)	3.559926E-03	1.492672E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.236E-07	1.480E+02
PSDF	DISP	147	21093(5)	3.201533E-03	1.507803E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.925E-07	1.480E+02
PSDF	DISP	147	21101(5)	2.951802E-03	1.527737E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.770E-07	1.480E+02
PSDF	DISP	147	21109(5)	2.499125E-03	1.554232E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.723E-07	1.480E+02
PSDF	DISP	147	21117(5)	2.126601E-03	1.592106E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.740E-07	1.480E+02
PSDF	DISP	147	21149(5)	1.182789E-03	1.797409E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.796E-08	1.480E+02
PSDF	DISP	147	21158(5)	9.617432E-04	1.859033E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.881E-08	1.480E+02
PSDF	DISP	147	21165(5)	8.652806E-04	1.828615E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.432E-08	1.220E+02
PSDF	DISP	147	21166(5)	9.329012E-04	1.659980E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.864E-08	1.056E+02
PSDF	DISP	147	21173(5)	3.704250E-03	1.471712E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.139E-07	1.480E+02
PSDF	DISP	147	21181(5)	3.341647E-03	1.486767E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.692E-07	1.480E+02
PSDF	DISP	147	21205(5)	2.251210E-03	1.568004E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.143E-07	1.480E+02
PSDF	DISP	147	21213(5)	1.911300E-03	1.614294E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.272E-07	1.480E+02

X Y - O U T P U T S U M M A R Y (A U T O R P S D F)

PLOT TYPE	CURVE FRAME TYPE NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX
PSDF DISP	147	21226(5)	1.578509E-03	1.579464E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.522E-07	1.480E+02
PSDF DISP	147	21237(5)	1.282179E-03	1.763431E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.272E-08	1.480E+02
PSDF DISP	147	21246(5)	1.045487E-03	1.849024E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.732E-08	1.480E+02
PSDF DISP	147	21253(5)	9.281389E-04	1.855541E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.397E-08	1.220E+02
PSDF DISP	147	21118(5)	2.154122E-03	1.589067E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.800E-07	1.480E+02
PSDF DISP	147	21174(5)	3.695057E-03	1.471749E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.140E-07	1.480E+02
PSDF DISP	147	21182(5)	3.351541E-03	1.486673E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.745E-07	1.480E+02
PSDF DISP	147	21102(5)	2.868998E-03	1.526999E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.819E-07	1.480E+02
PSDF DISP	147	21110(5)	2.504740E-03	1.553978E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.730E-07	1.480E+02
PSDF DISP	147	21247(5)	1.048226E-03	1.346588E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.859E-08	1.480E+02
PSDF DISP	147	21248(5)	9.232582E-04	1.847128E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.325E-08	1.220E+02
PSDF DISP	147	21125(5)	1.792867E-03	1.639655E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.964E-07	1.480E+02
PSDF DISP	147	21138(5)	1.468212E-03	1.705623E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.300E-07	1.480E+02
PSDF DISP	147	21189(5)	2.988490E-03	1.505921E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.413E-07	1.480E+02
PSDF DISP	147	21197(5)	2.629915E-03	1.531402E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.243E-07	1.480E+02
PSDF DISP	147	21254(5)	9.780078E-04	1.716975E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	6.334E-08	1.056E+02
PSDF DISP	147	2204(5)	8.383072E-04	2.047914E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.627E-08	1.220E+02
PSDF DISP	147	2202(5)	1.101883E-03	1.857467E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.398E-08	1.219E+02
PSDF DISP	147	22644(5)	4.096244E-03	1.407066E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.126E-06	1.480E+02
PSDF DISP	147	22632(5)	4.178836E-03	1.402427E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.147E-06	1.480E+02
PSDF DISP	147	2752(5)	4.674703E-04	1.773932E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.317E-08	1.220E+02
PSDF DISP	147	2758(5)	1.478087E-03	1.911276E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.004E-07	1.227E+02
PSDF DISP	147	2748(5)	1.331188E-03	1.303885E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.005E-07	1.220E+02
PSDF DISP	147	618(5)	1.362450E-03	1.301118E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.113E-07	1.220E+02

X Y - O U T P U T S U M M A R Y (A U T C O R P S D F)

PLOT TYPE	CURVE TYPE	FRAME NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX
PSDF	DISP	147	503(5)	1.938750E-03	1.280923E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.489E-07	1.220E+02
PSDF	DISP	147	2441(5)	2.323398E-03	1.307419E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.603E-07	1.220E+02
PSDF	DISP	147	25303(5)	1.415734E-02	1.423918E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.288E-05	1.219E+02
PSDF	DISP	147	2175(5)	1.389878E-03	1.213704E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.448E-07	1.056E+02
PSDF	DISP	147	2086(5)	1.362601E-03	1.396822E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.104E-07	1.220E+02
PSDF	DISP	147	25116(5)	1.464045E-02	1.454166E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.213E-05	1.620E+02
PSDF	DISP	147	25146(5)	1.030362E-02	1.222560E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.782E-05	1.227E+02
PSDF	DISP	147	25336(5)	1.464036E-02	1.454186E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.213E-05	1.620E+02
PSDF	DISP	147	25417(5)	1.381469E-02	1.464848E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.349E-05	1.219E+02
PSDF	DISP	147	25082(5)	7.853688E-03	1.225793E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.240E-05	1.220E+02
PSDF	DISP	147	24000(5)	1.752051E-10	5.309061E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.087E-21	2.000E+01
PSDF	DISP	147	27155(5)	4.275193E-04	1.449375E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.224E-08	1.219E+02
PSDF	DISP	147	27156(5)	6.931926E-04	1.413218E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.986E-08	1.219E+02
PSDF	DISP	147	27157(5)	1.115823E-03	1.378318E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.411E-07	1.220E+02
PSDF	DISP	147	27158(5)	4.199933E-04	1.465753E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.129E-08	1.219E+02
PSDF	DISP	147	27159(5)	6.336095E-04	1.429565E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.886E-08	1.219E+02
PSDF	DISP	147	27160(5)	7.961583E-04	1.410644E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.541E-08	1.219E+02
PSDF	DISP	147	27161(5)	9.595128E-04	1.397406E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.014E-07	1.220E+02
PSDF	DISP	147	27162(5)	1.163776E-03	1.383543E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.528E-07	1.220E+02
PSDF	DISP	147	27163(5)	4.538191E-04	1.462031E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.263E-08	1.219E+02
PSDF	DISP	147	27164(5)	7.281050E-04	1.425763E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.336E-08	1.219E+02
PSDF	DISP	147	27165(5)	1.232567E-03	1.388215E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.708E-07	1.220E+02
PSDF	EL STR	147	2150(3)	1.322506E+02	4.165208E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.981E+02	2.840E+02
PSDF	EL STR	147	2150(5)	1.404069E+02	3.214460E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.828E+02	2.840E+02

X Y - O U T P U T S U M M A R Y (A U T O O R P S D F)

PLOT TYPE	CURVE FRAME TYPE NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX
PSDF	EL STR	147	2.800635E+02	2.894026E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.987E+03	2.840E+02
PSDF	EL STR	147	2.603249E+02	3.095266E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.650E+03	2.840E+02
PSDF	EL STR	147	1.817122E+02	3.033012E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.800E+02	1.760E+02
PSDF	EL STR	147	1.205182E+02	2.463181E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.375E+03	1.056E+02
PSDF	EL STR	147	1.256570E+02	3.139110E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.685E+02	1.056E+02
PSDF	EL STR	147	1.409405E+02	2.858023E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.159E+02	1.760E+02
PSDF	EL STR	147	1.860057E+02	2.458098E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.862E+03	1.056E+02
PSDF	EL STR	147	5.198571E+01	3.312636E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.703E+01	1.056E+02
PSDF	EL STR	147	6.350953E+01	3.046509E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.067E+02	2.840E+02
PSDF	EL STR	147	2.309501E+02	2.682368E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.407E+03	2.840E+02
PSDF	EL STR	147	2.664659E+02	3.009163E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.302E+03	1.760E+02
PSDF	EL STR	147	1.913889E+02	1.592291E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.307E+03	1.056E+02
PSDF	EL STR	147	1.623578E+02	2.664366E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.080E+03	1.056E+02
PSDF	EL STR	147	4.821947E+02	2.959539E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.988E+03	2.840E+02
PSDF	EL STR	147	2.528058E+02	3.084855E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.288E+02	2.840E+02
PSDF	EL STR	147	1.369624E+02	3.078753E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.697E+02	2.840E+02
PSDF	EL STR	147	4.516087E+02	2.987350E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.233E+03	2.840E+02
PSDF	EL STR	147	2.215675E+02	3.294884E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.096E+03	2.840E+02
PSDF	EL STR	147	1.186816E+02	3.168200E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.056E+02	1.056E+02
PSDF	EL STR	147	1.659944E+02	5.028810E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.763E+02	1.056E+02
PSDF	EL STR	147	1.363957E+02	1.994073E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.001E+03	1.219E+02
PSDF	EL STR	147	1.829307E+02	3.122524E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.148E+03	1.056E+02
PSDF	EL STR	147	2.245140E+02	2.462026E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.880E+03	1.760E+02
PSDF	EL STR	147	1.683758E+02	1.902755E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.136E+03	1.056E+02

X Y - O U T P U T S U M M A R Y (A U T C O R P S D F)

PLOT TYPE	CURVE TYPE	FRAME NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX
PSDF	EL STR	147	2158(7)	1.091649E+02	3.253709E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.183E+02	1.056E+02
PSDF	EL STR	147	2159(3)	3.407617E+02	3.016532E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.874E+03	2.840E+02
PSDF	EL STR	147	2159(5)	2.524814E+02	3.697688E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.266E+03	3.840E+02
PSDF	EL STR	147	2159(7)	1.305649E+02	2.888943E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.850E+02	1.056E+02
PSDF	EL STR	147	2160(3)	5.029512E+02	3.124743E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.614E+03	2.840E+02
PSDF	EL STR	147	2160(5)	2.463030E+02	3.458827E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.370E+02	3.840E+02
PSDF	EL STR	147	2160(7)	1.272561E+02	3.255108E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.931E+02	2.840E+02
PSDF	EL STR	147	2161(3)	2.155993E+02	3.407933E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.763E+03	1.056E+02
PSDF	EL STR	147	2161(5)	1.140605E+02	2.093649E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.917E+02	1.056E+02
PSDF	EL STR	147	2161(7)	1.775235E+02	3.258276E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.130E+02	1.049E+02
PSDF	EL STR	147	2162(3)	8.116846E+01	3.573183E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.342E+02	2.840E+02
PSDF	EL STR	147	2162(5)	7.866207E+01	3.498764E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.956E+02	1.056E+02
PSDF	EL STR	147	2162(7)	1.678762E+02	3.247120E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.907E+02	2.840E+02
PSDF	EL STR	147	2163(3)	1.694603E+02	3.204207E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.692E+02	1.220E+02
PSDF	EL STR	147	2163(5)	1.965230E+02	2.581871E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.145E+03	1.220E+02
PSDF	EL STR	147	2163(7)	1.123640E+02	3.553098E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.456E+02	1.220E+02
PSDF	EL STR	147	2164(3)	1.887251E+02	3.501255E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.930E+02	1.220E+02
PSDF	EL STR	147	2164(5)	2.215433E+02	2.843131E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.665E+02	1.220E+02
PSDF	EL STR	147	2164(7)	1.140465E+02	3.570031E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.994E+02	1.049E+02
PSDF	EL STR	147	2165(3)	1.194264E+02	4.267867E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.818E+02	2.840E+02
PSDF	EL STR	147	2165(5)	9.712274E+01	3.664720E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.558E+02	1.219E+02
PSDF	EL STR	147	2165(7)	2.569163E+02	3.079752E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.217E+03	2.840E+02
PSDF	EL STR	147	2616(3)	1.388934E+02	2.021512E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.579E+03	1.049E+02
PSDF	EL STR	147	2616(5)	9.922266E+01	2.563628E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.096E+03	1.049E+02

X Y - O U T P U T S U K M A R Y (A U T O O R P S D F)

PLOT TYPE	CURVE FRAME TYPE NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX
PSDF	EL STR 147	2616(7)	2.337176E+02	1.335286E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.109E+03	1.049E+02
PSDF	EL STR 147	2617(3)	2.132559E+02	1.236765E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.187E+03	1.056E+02
PSDF	EL STR 147	2617(5)	2.943246E+02	1.186139E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.215E+04	1.049E+02
PSDF	EL STR 147	2617(7)	1.268013E+02	1.271089E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.117E+03	1.049E+02
PSDF	EL STR 147	2618(3)	1.326742E+02	1.465543E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.395E+03	1.049E+02
PSDF	EL STR 147	2618(5)	3.115157E+02	1.207524E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.300E+04	1.056E+02
PSDF	EL STR 147	2618(7)	9.114417E+01	1.562568E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.176E+02	1.056E+02
PSDF	EL STR 147	2619(3)	1.925175E+02	1.206374E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.969E+03	1.049E+02
PSDF	EL STR 147	2619(5)	1.707643E+02	1.379731E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.978E+03	1.056E+02
PSDF	EL STR 147	2619(7)	1.706553E+02	1.333135E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.504E+03	1.056E+02
PSDF	EL STR 147	2621(3)	1.960982E+02	1.423040E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.026E+03	1.049E+02
PSDF	EL STR 147	2621(5)	1.814583E+02	1.685376E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.907E+03	1.056E+02
PSDF	EL STR 147	2621(7)	2.501335E+02	1.174360E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.654E+03	1.056E+02
PSDF	EL STR 147	2622(3)	5.420410E+01	1.886569E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.329E+02	1.220E+02
PSDF	EL STR 147	2622(5)	5.516092E+01	3.402676E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.152E+01	2.620E+02
PSDF	EL STR 147	2622(7)	7.873734E+01	1.459053E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.714E+02	1.056E+02
PSDF	EL STR 147	2625(3)	5.951458E+01	2.605567E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.120E+02	1.049E+02
PSDF	EL STR 147	2625(5)	5.455706E+01	3.465683E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.419E+01	1.220E+02
PSDF	EL STR 147	2625(7)	1.013457E+02	1.285781E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.392E+03	1.049E+02
PSDF	EL STR 147	2626(3)	2.209038E+02	1.351105E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.543E+03	1.049E+02
PSDF	EL STR 147	2626(5)	1.759214E+02	2.653775E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.894E+03	1.049E+02
PSDF	EL STR 147	2626(7)	2.402110E+02	1.275199E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.224E+03	1.049E+02
PSDF	EL STR 147	2627(3)	1.912842E+02	2.743570E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.601E+03	1.049E+02
PSDF	EL STR 147	2627(5)	5.226340E+02	2.856433E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.030E+04	2.620E+02

X Y - O C C U P T S U M M A R Y (A U T O C R P S D F)

PLOT TYPE	CURVE TYPE	FRAME NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX
PSDF	EL STR	147	2627(7)	2.291180E+02	1.281189E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.687E+03	1.049E+02
PSDF	EL STR	147	2628(3)	2.587128E+02	2.379253E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.721E+03	1.049E+02
PSDF	EL STR	147	2628(5)	3.448111E+02	2.526007E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.829E+03	2.620E+02
PSDF	EL STR	147	2628(7)	1.243027E+02	2.706926E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.886E+02	2.620E+02
PSDF	EL STR	147	2629(3)	1.274557E+02	3.642548E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.370E+02	1.049E+02
PSDF	EL STR	147	2629(5)	1.672871E+02	1.527099E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.620E+03	1.049E+02
PSDF	EL STR	147	2629(7)	6.986172E+01	1.429750E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.472E+02	1.049E+02
PSDF	EL STR	147	2630(3)	5.012201E+01	1.861683E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.477E+02	1.049E+02
PSDF	EL STR	147	2630(5)	2.231910E+02	1.318537E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.870E+03	1.049E+02
PSDF	EL STR	147	2630(7)	1.702492E+02	1.254622E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.040E+03	1.049E+02
PSDF	EL STR	147	2631(3)	2.164907E+02	1.527740E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.422E+03	1.049E+02
PSDF	EL STR	147	2631(5)	1.313988E+02	2.965384E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.676E+03	1.049E+02
PSDF	EL STR	147	2631(7)	2.601171E+02	1.201465E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.424E+03	1.049E+02
PSDF	EL STR	147	3202(3)	6.045689E+01	3.525193E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.461E+02	2.620E+02
PSDF	EL STR	147	3202(5)	1.017063E+02	1.701854E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.778E+02	1.049E+02
PSDF	EL STR	147	3202(7)	4.324595E+01	2.321302E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.862E+02	1.049E+02
PSDF	EL STR	147	3203(3)	1.452471E+02	2.845464E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.202E+02	2.620E+02
PSDF	EL STR	147	3203(5)	6.842230E+01	2.298205E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.989E+02	1.049E+02
PSDF	EL STR	147	3203(7)	6.185849E+01	1.710697E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.481E+02	1.049E+02
PSDF	EL STR	147	3204(3)	1.041838E+02	1.925108E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.266E+02	1.049E+02
PSDF	EL STR	147	3204(5)	4.002031E+01	2.717312E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.893E+01	2.620E+02
PSDF	EL STR	147	3204(7)	6.637835E+01	1.408083E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.498E+02	1.049E+02
PSDF	EL STR	147	3205(3)	1.515782E+02	2.490161E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.186E+03	1.049E+02
PSDF	EL STR	147	3205(5)	6.236252E+01	2.931225E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.230E+02	1.056E+02

XY-OUTPUT SUMMARY (AUTOPSE)

PLOT TYPE	CURVE FRAME TYPE	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	YMAX FOR ALL DATA	X FOR YMIN	X FOR YMAX
PSDF	EL STR	147	3205(7)	7.762679E+01	1.574927E+02	1.000E+01	0.000E+00	6.764E+02	1.000E+01	1.049E+02
PSDF	EL STR	147	3206(3)	1.174059E+02	1.873742E+02	1.000E+01	0.000E+00	1.119E+03	1.000E+01	1.049E+02
PSDF	EL STR	147	3206(5)	9.264676E+01	2.089146E+02	1.000E+01	0.000E+00	6.777E+02	1.000E+01	1.049E+02
PSDF	EL STR	147	3206(7)	2.704564E+01	3.188755E+02	1.000E+01	0.000E+00	4.306E+01	1.000E+01	1.049E+02
PSDF	EL STR	147	3207(3)	9.860433E+01	1.790266E+02	1.000E+01	0.000E+00	1.192E+03	1.000E+01	1.049E+02
PSDF	EL STR	147	3207(5)	1.135580E+02	1.983170E+02	1.000E+01	0.000E+00	1.205E+03	1.000E+01	1.049E+02
PSDF	EL STR	147	3207(7)	7.359556E+01	1.716171E+02	1.000E+01	0.000E+00	6.919E+02	1.000E+01	1.056E+02
PSDF	EL STR	147	2615(3)	2.115622E+02	1.705085E+02	1.000E+01	0.000E+00	4.170E+03	1.000E+01	1.049E+02
PSDF	EL STR	147	2615(5)	1.278343E+02	1.815312E+02	1.000E+01	0.000E+00	1.525E+03	1.000E+01	1.056E+02
PSDF	EL STR	147	2615(7)	5.563451E+01	2.918671E+02	1.000E+01	0.000E+00	9.172E+01	1.000E+01	2.620E+02
PSDF	EL STR	147	2623(3)	2.071907E+02	1.499087E+02	1.000E+01	0.000E+00	3.259E+03	1.000E+01	1.056E+02
PSDF	EL STR	147	2623(5)	5.593091E+01	3.193172E+02	1.000E+01	0.000E+00	1.179E+02	1.000E+01	1.220E+02
PSDF	EL STR	147	2623(7)	4.818248E+01	2.172041E+02	1.000E+01	0.000E+00	1.699E+02	1.000E+01	1.220E+02
PSDF	EL STR	147	2624(3)	1.306634E+02	2.723046E+02	1.000E+01	0.000E+00	6.710E+02	1.000E+01	2.620E+02
PSDF	EL STR	147	2624(5)	1.634535E+02	1.725132E+02	1.000E+01	0.000E+00	2.635E+03	1.000E+01	1.056E+02
PSDF	EL STR	147	2624(7)	7.643179E+01	2.055043E+02	1.000E+01	0.000E+00	2.724E+02	1.000E+01	1.220E+02
PSDF	EL STR	147	20018(3)	8.822214E+02	1.371053E+02	1.000E+01	0.000E+00	8.817E+04	1.000E+01	1.220E+02
PSDF	EL STR	147	20018(5)	1.722974E+02	1.281961E+02	1.000E+01	0.000E+00	2.042E+03	1.000E+01	1.227E+02
PSDF	EL STR	147	20018(7)	5.408749E+02	1.264128E+02	1.000E+01	0.000E+00	1.934E+04	1.000E+01	1.049E+02
PSDF	EL STR	147	20019(3)	1.529833E+03	1.368170E+02	1.000E+01	0.000E+00	2.647E+05	1.000E+01	1.220E+02
PSDF	EL STR	147	20019(5)	8.637245E+01	1.442182E+02	1.000E+01	0.000E+00	7.335E+02	1.000E+01	1.219E+02
PSDF	EL STR	147	20019(7)	6.433068E+02	1.416879E+02	1.000E+01	0.000E+00	4.204E+04	1.000E+01	1.220E+02
PSDF	EL STR	147	20020(3)	4.792759E+02	1.426238E+02	1.000E+01	0.000E+00	2.506E+04	1.000E+01	1.220E+02
PSDF	EL STR	147	20020(5)	8.300961E+02	1.077983E+02	1.000E+01	0.000E+00	9.828E+04	1.000E+01	1.049E+02

X Y - O U T P U T S U M M A R Y (A U T O R P S D F)

PLOT TYPE	CURVE TYPE	FRAME NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX
PSDF	EL STR	147	20020(7)	2.733461E+02	1.463928E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.638E+03	1.220E+02
PSDF	EL STR	147	20021(3)	5.027372E+02	1.238532E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.064E+04	1.049E+02
PSDF	EL STR	147	20021(5)	1.389865E+02	1.419406E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.513E+03	1.049E+02
PSDF	EL STR	147	20021(7)	1.315357E+02	1.704681E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.153E+03	1.227E+02
PSDF	EL STR	147	20022(3)	1.092229E+03	1.291430E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.443E+05	1.220E+02
PSDF	EL STR	147	20022(5)	2.494412E+02	1.205935E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.967E+03	1.056E+02
PSDF	EL STR	147	20022(7)	8.572042E+02	1.209105E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.870E+04	1.220E+02
PSDF	EL STR	147	20023(3)	1.075532E+03	1.287511E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.407E+05	1.220E+02
PSDF	EL STR	147	20023(5)	8.172719E+02	1.098977E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.150E+04	1.056E+02
PSDF	EL STR	147	20023(7)	1.210217E+03	1.305463E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.737E+05	1.220E+02
PSDF	EL STR	147	20024(3)	1.503732E+03	1.232933E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.094E+05	1.049E+02
PSDF	EL STR	147	20024(5)	1.059380E+02	1.521766E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.365E+03	1.049E+02
PSDF	EL STR	147	20024(7)	9.670566E+02	1.248989E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.290E+05	1.049E+02
PSDF	EL STR	147	20025(3)	8.968935E+02	1.233010E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.112E+05	1.049E+02
PSDF	EL STR	147	20025(5)	8.442627E+01	2.239461E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.882E+02	1.219E+02
PSDF	EL STR	147	20025(7)	3.432878E+02	1.455950E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.300E+04	1.049E+02
PSDF	EL STR	147	2226(3)	2.160631E+02	1.189622E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.519E+03	1.056E+02
PSDF	EL STR	147	2226(5)	5.249059E+01	1.558485E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.813E+02	1.220E+02
PSDF	EL STR	147	2226(7)	1.782203E+02	1.860469E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.435E+03	1.219E+02
PSDF	EL STR	147	2227(3)	3.770565E+02	1.129832E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.973E+04	1.049E+02
PSDF	EL STR	147	2227(5)	5.785898E+02	1.268060E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.042E+04	1.220E+02
PSDF	EL STR	147	2227(7)	3.847691E+02	1.452793E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.453E+04	1.220E+02
PSDF	EL STR	147	2070(3)	2.625634E+02	1.164187E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.997E+03	1.049E+02
PSDF	EL STR	147	2070(5)	9.811259E+01	1.416242E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.595E+02	1.049E+02

XY-OUTPUT SUMMARY (AUTODRPSDF)

PLOT TYPE	CURVE FRAME TYPE NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX
PSDF	EL STR	147	2070(7)	3.864866E+02	1.197173E+02	2.000E+03	0.000E+00	1.000E+01	1.493E+04	1.049E+02
PSDF	EL STR	147	2089(3)	5.898898E+02	1.111805E+02	2.000E+03	0.000E+00	1.000E+01	6.554E+04	1.049E+02
PSDF	EL STR	147	2089(5)	1.092508E+02	1.473481E+02	2.000E+03	0.000E+00	1.000E+01	9.943E+02	1.049E+02
PSDF	EL STR	147	2089(7)	5.355867E+02	1.194581E+02	2.000E+03	0.000E+00	1.000E+01	2.382E+04	1.056E+02
PSDF	EL STR	147	2090(3)	5.877906E+02	1.088806E+02	2.000E+03	0.000E+00	1.000E+01	4.962E+04	1.056E+02
PSDF	EL STR	147	2090(5)	3.898279E+01	2.515987E+02	2.000E+03	0.000E+00	1.000E+01	4.961E+02	1.056E+02
PSDF	EL STR	147	2090(7)	4.820836E+02	1.254870E+02	2.000E+03	0.000E+00	1.000E+01	1.863E+04	1.220E+02
PSDF	EL STR	147	2091(3)	3.902809E+02	1.154781E+02	2.000E+03	0.000E+00	1.000E+01	2.090E+04	1.056E+02
PSDF	EL STR	147	2091(5)	2.995422E+02	1.924825E+02	2.000E+03	0.000E+00	1.000E+01	5.246E+03	1.800E+02
PSDF	EL STR	147	2091(7)	5.426729E+02	1.220068E+02	2.000E+03	0.000E+00	1.000E+01	2.234E+04	1.220E+02
PSDF	EL STR	147	2092(3)	2.703542E+02	1.179458E+02	2.000E+03	0.000E+00	1.000E+01	8.687E+03	1.056E+02
PSDF	EL STR	147	2092(5)	4.184678E+02	1.619665E+02	2.000E+03	0.000E+00	1.000E+01	1.051E+04	1.220E+02
PSDF	EL STR	147	2092(7)	6.590304E+02	1.198229E+02	2.000E+03	0.000E+00	1.000E+01	4.046E+04	1.220E+02
PSDF	EL STR	147	2093(3)	2.372326E+02	2.075538E+02	2.000E+03	0.000E+00	1.000E+01	1.935E+03	1.227E+02
PSDF	EL STR	147	2093(5)	1.750466E+02	1.395984E+02	2.000E+03	0.000E+00	1.000E+01	2.321E+03	1.049E+02
PSDF	EL STR	147	2093(7)	4.484034E+02	1.248143E+02	2.000E+03	0.000E+00	1.000E+01	2.010E+04	1.220E+02
PSDF	EL STR	147	2094(3)	8.534623E+01	2.121803E+02	2.000E+03	0.000E+00	1.000E+01	2.716E+02	1.227E+02
PSDF	EL STR	147	2094(5)	1.133257E+02	2.431691E+02	2.000E+03	0.000E+00	1.000E+01	4.833E+02	1.056E+02
PSDF	EL STR	147	2094(7)	4.138902E+02	1.254604E+02	2.000E+03	0.000E+00	1.000E+01	1.764E+04	1.220E+02
PSDF	EL STR	147	2095(3)	3.153797E+02	1.859925E+02	2.000E+03	0.000E+00	1.000E+01	6.420E+03	1.800E+02
PSDF	EL STR	147	2095(5)	3.776879E+02	1.839601E+02	2.000E+03	0.000E+00	1.000E+01	6.122E+03	1.800E+02
PSDF	EL STR	147	2095(7)	4.128276E+02	1.259196E+02	2.000E+03	0.000E+00	1.000E+01	1.932E+04	1.220E+02
PSDF	EL STR	147	2096(3)	9.879065E+01	1.855169E+02	2.000E+03	0.000E+00	1.000E+01	5.603E+02	1.219E+02
PSDF	EL STR	147	2096(5)	5.151233E+02	1.534722E+02	2.000E+03	0.000E+00	1.000E+01	1.993E+04	1.220E+02

EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)

MARCH 4, 1996 MSC/NASTRAN 8/24/94 PAGE 39

Report 10515
1 Apr 96

X Y - O U T P U T S U M M A R Y (A U T C O R P S D F)

PLOT TYPE	CURVE TYPE	FRAME NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX
PSDF	EL STR	147	2096(7)	4.004239E+02	1.295064E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.827E+04	1.220E+02
PSDF	EL STR	147	2615(3)	2.115622E+02	1.705085E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.170E+03	1.049E+02
PSDF	EL STR	147	2615(5)	1.278343E+02	1.815312E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.525E+03	1.056E+02
PSDF	EL STR	147	2615(7)	5.563451E+01	2.918671E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.172E+01	2.620E+02
PSDF	EL STR	147	2616(3)	1.388934E+02	2.021512E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.579E+03	1.049E+02
PSDF	EL STR	147	2616(5)	9.922266E+01	2.563628E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.096E+03	1.049E+02
PSDF	EL STR	147	2616(7)	2.337176E+02	1.335286E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.109E+03	1.049E+02
PSDF	EL STR	147	2617(3)	2.132559E+02	1.236765E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.187E+03	1.056E+02
PSDF	EL STR	147	2617(5)	2.943246E+02	1.186139E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.215E+04	1.049E+02
PSDF	EL STR	147	2617(7)	1.268013E+02	1.271089E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.117E+03	1.049E+02
PSDF	EL STR	147	2618(3)	1.326742E+02	1.465543E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.395E+03	1.049E+02
PSDF	EL STR	147	2618(5)	3.115157E+02	1.207524E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.300E+04	1.056E+02
PSDF	EL STR	147	2618(7)	9.114417E+01	1.562256E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.176E+02	1.056E+02
PSDF	EL STR	147	2619(3)	1.925175E+02	1.206374E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.969E+03	1.049E+02
PSDF	EL STR	147	2619(5)	1.707643E+02	1.379731E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.978E+03	1.056E+02
PSDF	EL STR	147	2619(7)	1.706553E+02	1.333135E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.504E+03	1.056E+02
PSDF	EL STR	147	2621(3)	1.960982E+02	1.423040E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.026E+03	1.049E+02
PSDF	EL STR	147	2621(5)	1.814583E+02	1.685376E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.907E+03	1.056E+02
PSDF	EL STR	147	2621(7)	2.501335E+02	1.17436CE+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.654E+03	1.056E+02
PSDF	EL STR	147	2622(3)	5.420410E+01	1.886569E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.329E+02	1.220E+02
PSDF	EL STR	147	2622(5)	5.516092E+01	3.402676E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.152E+01	2.620E+02
PSDF	EL STR	147	2622(7)	7.873734E+01	1.459053E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.714E+02	1.056E+02
PSDF	EL STR	147	2623(3)	2.071907E+02	1.499087E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.259E+03	1.056E+02
PSDF	EL STR	147	2623(5)	5.593091E+01	3.193172E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.179E+02	1.220E+02

X Y - O U T P U T S U M M A R Y (A U T O R P S D F)

PLOT TYPE	CURVE FRAME TYPE NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX
PSDF	EL STR	147	2623(7)	4.818248E+01	2.172641E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.699E+02 1.220E+02
PSDF	EL STR	147	2624(3)	1.306634E+02	2.728046E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.710E+02 2.620E+02
PSDF	EL STR	147	2624(5)	1.634535E+02	1.725132E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.635E+03 1.056E+02
PSDF	EL STR	147	2624(7)	7.643179E+01	2.055043E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.724E+02 1.220E+02
PSDF	EL STR	147	2625(3)	5.951458E+01	2.605567E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.120E+02 1.049E+02
PSDF	EL STR	147	2625(5)	5.455706E+01	3.465633E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.419E+01 1.220E+02
PSDF	EL STR	147	2625(7)	1.013457E+02	1.285781E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.392E+03 1.049E+02
PSDF	EL STR	147	2626(3)	2.209038E+02	1.351105E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.543E+03 1.049E+02
PSDF	EL STR	147	2626(5)	1.759214E+02	2.653775E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.894E+03 1.049E+02
PSDF	EL STR	147	2626(7)	2.402110E+02	1.275199E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.224E+03 1.049E+02
PSDF	EL STR	147	2627(3)	1.912842E+02	2.743570E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.601E+03 1.049E+02
PSDF	EL STR	147	2627(5)	5.226340E+02	2.856433E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.030E+04 2.620E+02
PSDF	EL STR	147	2627(7)	2.291180E+02	1.281189E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.687E+03 1.049E+02
PSDF	EL STR	147	2628(3)	2.587128E+02	2.379253E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.721E+03 1.049E+02
PSDF	EL STR	147	2628(5)	3.448111E+02	2.526007E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.829E+03 2.620E+02
PSDF	EL STR	147	2628(7)	1.243027E+02	2.706926E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.886E+02 2.620E+02
PSDF	EL STR	147	2629(3)	1.274557E+02	3.642548E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.370E+02 1.049E+02
PSDF	EL STR	147	2629(5)	1.672871E+02	1.537099E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.620E+03 1.049E+02
PSDF	EL STR	147	2629(7)	6.986172E+01	1.429750E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.472E+02 1.049E+02
PSDF	EL STR	147	2630(3)	5.012201E+01	1.861683E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.477E+02 1.049E+02
PSDF	EL STR	147	2630(5)	2.231910E+02	1.318537E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.870E+03 1.049E+02
PSDF	EL STR	147	2630(7)	1.702492E+02	1.254622E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.040E+03 1.049E+02
PSDF	EL STR	147	2631(3)	2.164907E+02	1.527740E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.422E+03 1.049E+02
PSDF	EL STR	147	2631(5)	1.313988E+02	2.965384E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.676E+03 1.049E+02

EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)

MARCH 4, 1996 MSC/NASTRAN 8/24/94 PAGE 41

Report 10515
1 Apr 96

X Y - O U T P U T S U M M A R Y (A U T O O R P S D F)

PLOT TYPE	CURVE FRAME NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX
PSDF EL STR	147	2631(7)	2.601171E+02	1.201465E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.424E-03	1.049E+02
PSDF EL STR	147	3202(3)	6.045689E+01	3.525193E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.461E+02	2.620E+02
PSDF EL STR	147	3202(5)	1.017063E+02	1.701854E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.778E+02	1.049E+02
PSDF EL STR	147	3202(7)	4.324595E+01	2.321302E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.862E+02	1.049E+02
PSDF EL STR	147	3203(3)	1.452471E+02	2.845464E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.202E+02	2.620E+02
PSDF EL STR	147	3203(5)	6.842230E+01	2.298205E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.989E+02	1.049E+02
PSDF EL STR	147	3203(7)	6.185849E+01	1.710697E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.481E-02	1.049E+02
PSDF EL STR	147	3204(3)	1.041838E+02	1.925108E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.266E+02	1.049E+02
PSDF EL STR	147	3204(5)	4.002031E+01	2.717312E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.893E-01	2.620E+02
PSDF EL STR	147	3204(7)	6.637835E+01	1.408083E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.498E+02	1.049E+02
PSDF EL STR	147	3205(3)	1.515782E+02	2.490161E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.186E+03	1.049E+02
PSDF EL STR	147	3205(5)	6.236252E+01	2.931225E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.230E+02	1.056E+02
PSDF EL STR	147	3205(7)	7.762679E+01	1.574827E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.764E+02	1.049E+02
PSDF EL STR	147	3206(3)	1.174059E+02	1.873742E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.119E+03	1.049E+02
PSDF EL STR	147	3206(5)	9.264678E+01	2.089146E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.777E+02	1.049E+02
PSDF EL STR	147	3206(7)	2.704564E+01	3.188755E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.306E+01	1.049E+02
PSDF EL STR	147	3207(3)	9.860433E+01	1.790266E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.192E+03	1.049E+02
PSDF EL STR	147	3207(5)	1.135580E+02	1.983170E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.205E+03	1.049E+02
PSDF EL STR	147	3207(7)	7.359556E+01	1.716171E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.919E+02	1.056E+02
PSDF EL STR	147	3196(3)	1.576201E+02	1.747931E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.190E+03	1.049E+02
PSDF EL STR	147	3196(5)	8.178335E+01	1.719085E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.475E+02	1.049E+02
PSDF EL STR	147	3196(7)	5.828091E+01	1.747243E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.826E+02	1.049E+02
PSDF EL STR	147	3197(3)	1.548145E+02	1.654770E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.036E+03	1.049E+02
PSDF EL STR	147	3197(5)	1.132138E+02	1.465614E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.623E+03	1.056E+02

X Y - O U T P U T S U M M A R Y (A U T O R P S D F)

PLOT TYPE	CURVE FRAME NC.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	YMAX FOR ALL DATA	X FOR YMIN	X FOR YMAX
PSDF EL STR	147	3197(7)	6.481051E+01	1.736627E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.014E+02	1.049E+02
PSDF EL STR	147	3198(3)	1.512834E+02	1.995307E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.649E+03	1.049E+02
PSDF EL STR	147	3198(5)	1.144055E+02	1.489298E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.710E+03	1.056E+02
PSDF EL STR	147	3198(7)	6.216349E+01	1.641958E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.923E+02	1.056E+02
PSDF EL STR	147	3199(3)	9.880520E+01	1.528415E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.107E+03	1.049E+02
PSDF EL STR	147	3199(5)	4.557366E+01	2.016709E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.375E+02	1.049E+02
PSDF EL STR	147	3199(7)	1.021257E+02	1.263499E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.440E+03	1.056E+02
PSDF EL STR	147	3200(3)	6.694293E+01	3.901314E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.062E+02	1.220E+02
PSDF EL STR	147	3200(5)	5.740834E+01	1.989561E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.868E+02	1.056E+02
PSDF EL STR	147	3200(7)	1.159988E+02	1.334076E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.819E+03	1.056E+02
PSDF EL STR	147	3201(3)	7.115549E+01	3.057930E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.349E+02	1.056E+02
PSDF EL STR	147	3201(5)	1.287470E+02	1.449512E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.227E+03	1.049E+02
PSDF EL STR	147	3201(7)	3.385496E+01	3.207708E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.065E+01	1.219E+02
PSDF EL STR	147	2249(3)	7.775511E+01	1.675302E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.943E+02	1.049E+02
PSDF EL STR	147	2249(5)	2.202548E+02	1.413311E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.511E+03	1.220E+02
PSDF EL STR	147	2249(7)	1.416203E+02	1.315621E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.684E+03	1.056E+02
PSDF EL STR	147	2250(3)	1.138460E+02	2.502177E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.832E+02	1.219E+02
PSDF EL STR	147	2250(5)	6.753734E+01	1.931864E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.678E+02	1.220E+02
PSDF EL STR	147	2250(7)	5.646445E+01	1.783305E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.058E+02	1.056E+02
PSDF EL STR	147	2251(3)	1.570022E+02	2.083905E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.232E+03	1.056E+02
PSDF EL STR	147	2251(5)	8.561308E+01	2.087739E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.219E+02	1.056E+02
PSDF EL STR	147	2251(7)	7.434379E+01	1.489492E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.845E+02	1.056E+02
PSDF EL STR	147	2252(3)	7.979056E+01	2.052383E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.980E+02	1.049E+02
PSDF EL STR	147	2252(5)	1.644065E+02	1.685745E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.890E+03	1.049E+02

X Y - O U T P U T S U M M A R Y (A U T O O R P S D F)

PLOT TYPE	CURVE FRAME TYPE NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX
PSDF	EL STR	147	2252(7)	1.365534E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.274E+03	1.049E+02
PSDF	EL STR	147	2253(3)	2.179043E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.207E+03	1.049E+02
PSDF	EL STR	147	2253(5)	1.331133E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.790E+02	1.227E+02
PSDF	EL STR	147	2253(7)	2.087501E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.999E+03	1.049E+02
PSDF	EL STR	147	2255(3)	1.248491E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.453E+03	1.049E+02
PSDF	EL STR	147	2255(5)	2.620974E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.312E+01	1.049E+02
PSDF	EL STR	147	2255(7)	1.431176E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.587E+03	1.049E+02
PSDF	EL STR	147	2256(3)	1.833253E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.803E+03	1.056E+02
PSDF	EL STR	147	2256(5)	2.707944E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.636E+03	1.056E+02
PSDF	EL STR	147	2256(7)	2.658562E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.392E+03	1.056E+02
PSDF	EL STR	147	21745(3)	2.523639E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.620E+03	1.920E+02
PSDF	EL STR	147	21745(5)	1.673105E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.290E+02	1.780E+02
PSDF	EL STR	147	21745(7)	2.460138E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.780E+03	1.920E+02
PSDF	EL STR	147	21675(3)	2.097043E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.437E+03	1.900E+02
PSDF	EL STR	147	21675(5)	1.195184E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.895E+02	1.780E+02
PSDF	EL STR	147	21675(7)	1.995520E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.192E+03	1.900E+02
PSDF	EL STR	147	21679(3)	5.241914E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.214E+04	1.940E+02
PSDF	EL STR	147	21679(5)	1.048494E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.492E+02	2.300E+02
PSDF	EL STR	147	21679(7)	6.116495E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.390E+02	1.940E+02
PSDF	EL STR	147	21749(3)	4.697083E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.456E+03	1.940E+02
PSDF	EL STR	147	21749(5)	1.067332E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.888E+02	2.300E+02
PSDF	EL STR	147	21749(7)	5.935363E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.326E+02	1.940E+02
PSDF	EL STR	147	21672(3)	1.345235E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.627E+02	1.900E+02
PSDF	EL STR	147	21672(5)	5.299927E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.101E+04	1.900E+02

X Y - O U T P U T S U M M A R Y (A U T O O R P S D F)

PLOT TYPE	CURVE FRAME NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX
PSDF EL STR	147	21672(7)	5.211828E+01	2.590899E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.615E+01	1.940E+02
PSDF EL STR	147	21742(3)	1.259603E+02	2.025318E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.352E+02	1.900E+02
PSDF EL STR	147	21742(5)	4.781030E+02	2.004054E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.221E+03	1.920E+02
PSDF EL STR	147	21742(7)	5.251057E+01	2.622836E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.805E+01	1.940E+02
PSDF EL STR	147	21783(3)	6.809359E+02	1.928250E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.631E+04	1.940E+02
PSDF EL STR	147	21783(5)	6.755539E+02	1.896169E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.690E+04	1.940E+02
PSDF EL STR	147	21783(7)	6.249394E+01	2.406284E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.466E+02	1.940E+02
PSDF EL STR	147	21713(3)	6.922203E+02	1.935938E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.872E+04	1.920E+02
PSDF EL STR	147	21713(5)	6.621779E+02	1.916333E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.670E+04	1.920E+02
PSDF EL STR	147	21713(7)	4.014539E+01	3.085297E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.442E+01	1.940E+02
PSDF EL STR	147	21041(3)	1.020708E+03	2.081033E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.346E+04	1.056E+02
PSDF EL STR	147	21041(5)	1.020404E+03	1.662503E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.831E+04	1.056E+02
PSDF EL STR	147	21041(7)	1.911501E+02	2.376077E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.538E+03	1.049E+02
PSDF EL STR	147	21042(3)	1.275487E+03	2.196382E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.423E+04	1.056E+02
PSDF EL STR	147	21042(5)	6.314753E+02	1.204963E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.348E+04	1.056E+02
PSDF EL STR	147	21042(7)	7.049868E+02	1.477111E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.223E+04	1.056E+02
PSDF EL STR	147	21043(3)	3.935981E+02	1.985553E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.273E+03	1.056E+02
PSDF EL STR	147	21043(5)	1.796979E+02	1.907339E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.910E+03	1.056E+02
PSDF EL STR	147	21043(7)	2.547322E+02	1.985595E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.042E+03	1.480E+02
PSDF EL STR	147	21044(3)	1.502827E+02	1.658466E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.146E+03	1.056E+02
PSDF EL STR	147	21044(5)	1.734319E+02	1.390467E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.029E+03	1.056E+02
PSDF EL STR	147	21044(7)	3.731412E+02	1.516967E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.008E+03	1.056E+02
PSDF EL STR	147	21045(3)	4.294409E+02	1.792336E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.691E+04	1.220E+02
PSDF EL STR	147	21045(5)	9.141281E+02	1.530652E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.405E+04	1.220E+02

EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)

MARCH 4, 1996 MSC/NASTRAN 8/24/94 PAGE 45

Report 10515
1 Apr 96

X Y - C O U T P U T S U M M A R Y (A U T O O R P S D F)

PLOT TYPE	CURVE NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX
PSDF	EL STR	147	21045(7)	1.170864E+03	1.515472E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.304E+05 1.219E-02
PSDF	EL STR	147	21046(3)	1.021201E+03	1.551138E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.306E+04 1.220E+02
PSDF	EL STR	147	21046(5)	7.219807E+02	1.373921E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.371E+04 1.049E+02
PSDF	EL STR	147	21046(7)	1.189030E+03	1.435813E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.037E+05 1.220E+02
PSDF	EL STR	147	21047(3)	6.840047E+01	2.546809E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.953E+02 1.219E+02
PSDF	EL STR	147	21047(5)	2.758894E+02	1.686957E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.893E+03 1.480E+02
PSDF	EL STR	147	21047(7)	2.080976E+02	1.697849E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.923E+03 1.219E+02
PSDF	EL STR	147	21048(3)	6.941379E+02	1.609753E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.135E+04 1.480E-02
PSDF	EL STR	147	21048(5)	8.120778E+02	1.376323E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.014E+04 1.049E+02
PSDF	EL STR	147	21048(7)	5.121883E+02	1.498315E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.026E-04 1.049E+02
PSDF	EL STR	147	21049(3)	1.796335E+03	1.711056E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.766E+05 1.480E+02
PSDF	EL STR	147	21049(5)	1.091334E+03	1.181954E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.517E+05 1.049E+02
PSDF	EL STR	147	21049(7)	1.201735E+03	1.257715E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.568E+05 1.049E+02
PSDF	EL STR	147	21050(3)	1.458867E+03	1.451747E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.491E+05 1.049E+02
PSDF	EL STR	147	21050(5)	1.186128E+03	1.615468E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.484E+04 1.480E+02
PSDF	EL STR	147	21050(7)	2.911051E+02	2.344577E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.880E+03 1.480E+02
PSDF	EL STR	147	21410(3)	1.711635E+02	2.811769E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.671E+03 1.056E-02
PSDF	EL STR	147	21410(5)	3.378388E+02	4.416172E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.066E+03 3.840E+02
PSDF	EL STR	147	21410(7)	1.452112E+02	2.461582E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.514E+02 1.056E+02
PSDF	EL STR	147	21409(3)	4.216147E+02	1.760456E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.933E+03 1.049E+02
PSDF	EL STR	147	21409(5)	2.200780E+02	1.691086E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.245E+03 1.480E+02
PSDF	EL STR	147	21409(7)	1.689824E+02	2.482705E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.036E+02 1.480E+02
PSDF	EL STR	147	21425(3)	4.171303E+02	1.699529E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.036E+04 1.049E+02
PSDF	EL STR	147	21425(5)	3.134388E+02	1.814225E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.589E+03 1.056E+02

X Y - O U T P U T S U M M A R Y (A U T O O R P S D F)

PLOT TYPE	CURVE TYPE	FRAME NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX
PSDF	EL STR	147	21425(7)	4.574315E+02	1.624177E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.263E+04	1.049E+02
PSDF	EL STR	147	21426(3)	1.851753E+02	2.933274E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.148E+03	1.480E+02
PSDF	EL STR	147	21426(5)	3.328122E+02	1.158150E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.415E+04	1.049E+02
PSDF	EL STR	147	21426(7)	7.119674E+01	2.831298E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.510E+01	1.780E+02
PSDF	EL STR	147	21427(3)	2.268386E+02	3.153967E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.647E+03	1.470E+02
PSDF	EL STR	147	21427(5)	1.229547E+02	1.992704E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.608E+02	1.220E+02
PSDF	EL STR	147	21427(7)	5.273226E+01	2.973208E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.025E+01	1.780E+02
PSDF	EL STR	147	21428(3)	4.398740E+02	2.391577E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.174E+04	1.219E+02
PSDF	EL STR	147	21428(5)	4.990268E+02	1.538346E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.009E+04	1.220E+02
PSDF	EL STR	147	21428(7)	1.384717E+02	1.713994E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.243E+03	1.219E+02
PSDF	EL STR	147	21429(3)	4.745973E+02	2.249543E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.565E+04	1.219E+02
PSDF	EL STR	147	21429(5)	4.054461E+02	1.584286E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.468E+04	1.220E+02
PSDF	EL STR	147	21429(7)	2.013684E+02	1.631431E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.841E+03	1.220E+02
PSDF	EL STR	147	21430(3)	2.048161E+02	3.681896E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.062E+02	3.840E+02
PSDF	EL STR	147	21430(5)	3.825465E+02	1.545249E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.137E+04	1.220E+02
PSDF	EL STR	147	21430(7)	5.106042E+01	2.591925E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.320E+02	1.480E+02
PSDF	EL STR	147	21431(3)	1.983673E+02	3.964956E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.280E+03	3.840E+02
PSDF	EL STR	147	21431(5)	1.716095E+02	1.902656E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.958E+03	1.056E+02
PSDF	EL STR	147	21431(7)	3.989080E+01	2.057933E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.592E+02	1.220E+02
PSDF	EL STR	147	21432(3)	1.139571E+02	4.087688E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.582E+02	1.219E+02
PSDF	EL STR	147	21432(5)	2.844333E+02	4.120370E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.957E+03	3.840E+02
PSDF	EL STR	147	21432(7)	2.157146E+02	1.864330E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.868E+03	1.049E+02
PSDF	EL STR	147	21431(3)	8.209341E+02	1.380596E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.297E+04	1.056E+02
PSDF	EL STR	147	21431(5)	8.213205E-02	1.514778E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.772E+04	1.480E+02

EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)

MARCH 4, 1996 MSC/NASTRAN 8/24/94 PAGE 47

Report 10515
1 Apr 96

X Y - O U T P U T S U M M A R Y (A U T C C R P S D F)

PLOT TYPE	CURVE FRAME TYPE NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX
PSDF	EL STR	147	21241(7)	7.355825E+02	1.374876E+02	2.000E+03	0.000E+00	1.000E+01	3.901E+04	1.056E+02
PSDF	EL STR	147	21242(3)	1.841309E+03	1.245999E+02	2.000E+03	0.000E+00	1.000E+01	3.653E+05	1.056E+02
PSDF	EL STR	147	21242(5)	2.162416E+03	1.069946E+02	2.000E+03	0.000E+00	1.000E+01	6.809E+05	1.049E+02
PSDF	EL STR	147	21242(7)	8.946341E+02	1.445659E+02	2.000E+03	0.000E+00	1.000E+01	5.524E+04	1.480E+02
PSDF	EL STR	147	21243(3)	6.555833E+02	1.346147E+02	2.000E+03	0.000E+00	1.000E+01	3.223E+04	1.056E+02
PSDF	EL STR	147	21243(5)	5.503728E+02	1.435193E+02	2.000E+03	0.000E+00	1.000E+01	2.088E+04	1.049E+02
PSDF	EL STR	147	21243(7)	4.709857E+02	1.392259E+02	2.000E+03	0.000E+00	1.000E+01	1.395E+04	1.056E+02
PSDF	EL STR	147	21244(3)	6.932021E+01	2.960858E+02	2.000E+03	0.000E+00	1.000E+01	2.167E+02	1.480E+02
PSDF	EL STR	147	21244(5)	4.809075E+02	1.503349E+02	2.000E+03	0.000E+00	1.000E+01	2.071E+04	1.049E+02
PSDF	EL STR	147	21244(7)	1.472912E+02	2.179783E+02	2.000E+03	0.000E+00	1.000E+01	1.220E+03	1.049E+02
PSDF	EL STR	147	21245(3)	6.066567E+02	1.287289E+02	2.000E+03	0.000E+00	1.000E+01	3.629E+04	1.056E+02
PSDF	EL STR	147	21245(5)	6.781705E+02	1.361025E+02	2.000E+03	0.000E+00	1.000E+01	5.161E+04	1.056E+02
PSDF	EL STR	147	21245(7)	3.514589E+02	1.482506E+02	2.000E+03	0.000E+00	1.000E+01	1.170E+04	1.056E+02
PSDF	EL STR	147	21246(3)	3.223579E+02	1.385221E+02	2.000E+03	0.000E+00	1.000E+01	1.010E+04	1.056E+02
PSDF	EL STR	147	21246(5)	3.408185E+02	1.555621E+02	2.000E+03	0.000E+00	1.000E+01	5.992E+03	1.480E+02
PSDF	EL STR	147	21246(7)	6.228910E+02	1.278290E+02	2.000E+03	0.000E+00	1.000E+01	3.464E+04	1.056E+02
PSDF	EL STR	147	21247(3)	1.440815E+02	1.807953E+02	2.000E+03	0.000E+00	1.000E+01	9.878E+02	1.800E+02
PSDF	EL STR	147	21247(5)	5.471688E+02	1.206629E+02	2.000E+03	0.000E+00	1.000E+01	3.772E+04	1.056E+02
PSDF	EL STR	147	21247(7)	2.381188E+02	1.515572E+02	2.000E+03	0.000E+00	1.000E+01	4.206E+03	1.056E+02
PSDF	EL STR	147	21248(3)	5.921099E+02	1.450815E+02	2.000E+03	0.000E+00	1.000E+01	2.839E+04	1.056E+02
PSDF	EL STR	147	21248(5)	8.621159E+02	1.182191E+02	2.000E+03	0.000E+00	1.000E+01	9.540E+04	1.056E+02
PSDF	EL STR	147	21248(7)	4.339842E+02	1.442421E+02	2.000E+03	0.000E+00	1.000E+01	1.497E+04	1.056E+02
PSDF	EL STR	147	21249(3)	2.036822E+03	1.389109E+02	2.000E+03	0.000E+00	1.000E+01	3.592E+05	1.056E+02
PSDF	EL STR	147	21249(5)	6.067170E+02	1.261418E+02	2.000E+03	0.000E+00	1.000E+01	4.359E+04	1.056E+02

X Y - O U T P U T S U M M A R Y (A U T O O R P S D F)

PLOT TYPE	CURVE FRAME NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	YMAX FOR ALL DATA	X FOR YMIN	X FOR YMAX
PSDF EL STR	147	21249(7)	5.517543E+02	1.659637E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.049E+04	1.480E+02
PSDF EL STR	147	21250(3)	1.745435E+03	1.269825E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.133E+05	1.056E+02
PSDF EL STR	147	21250(5)	1.600703E+03	1.355599E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.363E+05	1.056E+02
PSDF EL STR	147	21250(7)	4.374018E+02	1.475156E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.679E+04	1.056E+02
PSDF EL STR	147	21339(3)	1.678974E+03	1.407715E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.997E+05	1.480E+02
PSDF EL STR	147	21339(5)	2.573707E+02	1.634866E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.836E+03	1.480E+02
PSDF EL STR	147	21339(7)	6.043928E+02	1.412964E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.839E+04	1.056E+02
PSDF EL STR	147	21340(3)	3.848651E+02	1.486116E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.378E+04	1.056E+02
PSDF EL STR	147	21340(5)	6.740162E+02	2.211556E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.426E+04	1.470E+02
PSDF EL STR	147	21340(7)	9.161493E+01	2.221672E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.290E+02	1.480E+02
PSDF EL STR	147	21355(3)	1.948125E+03	1.448404E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.711E+05	1.480E+02
PSDF EL STR	147	21355(5)	7.886643E+02	1.590622E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.154E+04	1.480E+02
PSDF EL STR	147	21355(7)	4.102030E+02	1.603522E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.333E+04	1.480E+02
PSDF EL STR	147	21356(3)	2.061046E+02	2.257800E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.394E+03	1.480E+02
PSDF EL STR	147	21356(5)	6.375178E+02	1.131106E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.544E+04	1.049E+02
PSDF EL STR	147	21356(7)	2.286869E+02	1.655553E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.929E+03	1.480E+02
PSDF EL STR	147	21357(3)	2.843644E+02	2.237450E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.373E+03	1.480E+02
PSDF EL STR	147	21357(5)	4.411061E+02	1.261526E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.337E+04	1.056E+02
PSDF EL STR	147	21357(7)	1.017132E+02	2.308374E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.050E+02	1.780E+02
PSDF EL STR	147	21358(3)	6.194745E+02	1.941180E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.479E+04	1.056E+02
PSDF EL STR	147	21358(5)	3.391918E+02	1.671295E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.889E+03	1.049E+02
PSDF EL STR	147	21358(7)	1.353804E+02	2.056538E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.634E+02	1.056E+02
PSDF EL STR	147	21359(3)	5.345837E+02	2.021562E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.935E+04	1.056E+02
PSDF EL STR	147	21359(5)	3.068049E+02	1.674310E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.483E+03	1.056E+02

EOS/AMSU-A2 STRUCTURAL MODEL
 QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)

MARCH 4, 1996 MSC/NASTRAN 8/24/94 PAGE 49

Report 10515
 1 Apr 96

X Y - O U T P U T S U M M A R Y (A J T O C R 3 S D F)

PLOT TYPE	CURVE FRAME TYPE	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX
PSDF	EL STR	21359(7)	2.815408E+02	1.315805E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.521E+03	1.056E+02
PSDF	EL STR	21360(3)	2.035136E+02	3.27565CE+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.610E+02	1.049E+02
PSDF	EL STR	21360(5)	3.477581E+02	1.289376E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.592E+04	1.056E+02
PSDF	EL STR	21360(7)	2.818240E+02	1.321036E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.934E+03	1.056E+02
PSDF	EL STR	21361(3)	2.178573E+02	3.22665CE+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.826E+02	3.860E+02
PSDF	EL STR	21361(5)	3.994948E+02	1.273687E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.042E+04	1.056E+02
PSDF	EL STR	21361(7)	3.568090E+02	1.351128E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.199E+04	1.056E+02
PSDF	EL STR	21362(3)	5.836210E+02	1.493347E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.291E+04	1.056E+02
PSDF	EL STR	21362(5)	9.804072E+02	1.886221E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.563E+04	1.056E+02
PSDF	EL STR	21362(7)	6.508318E+02	1.444197E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.511E+04	1.056E+02
PSDF	EL STR	22742(3)	2.445756E+02	1.232344E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.081E+03	1.056E+02
PSDF	EL STR	22742(5)	2.052988E+02	1.119210E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.475E+03	1.049E+02
PSDF	EL STR	22742(7)	4.106082E+02	1.130976E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.946E+04	1.049E+02
PSDF	EL STR	22743(3)	8.768851E+01	1.445346E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.065E+02	1.220E+02
PSDF	EL STR	22743(5)	2.430129E+01	2.552146E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.163E+01	1.227E+02
PSDF	EL STR	22743(7)	3.024941E+02	1.250606E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.121E+03	1.227E+02
PSDF	EL STR	22744(3)	1.035881E+02	1.292872E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.483E+02	1.049E+02
PSDF	EL STR	22744(5)	2.904865E+01	2.063690E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.309E+01	1.056E+02
PSDF	EL STR	22744(7)	2.366555E+02	1.321308E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.210E+03	1.227E+02
PSDF	EL STR	22745(3)	3.404500E+02	1.263803E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.260E+04	1.220E+02
PSDF	EL STR	22745(5)	2.647057E+01	1.336351E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.099E+01	1.056E+02
PSDF	EL STR	22745(7)	4.282608E+02	1.196092E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.498E+04	1.227E+02
PSDF	EL STR	22840(3)	1.799053E+03	1.264789E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.699E+05	1.220E+02
PSDF	EL STR	22840(5)	2.306163E+02	3.051740E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.680E+03	1.056E+02

XY-OUTPUT SUMMARY (AUTOPSD F)

PLOT TYPE	CURVE FRAME TYPE NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX
PSDF	EL STR	147	22840 (7)	1.426660E+03	1.222011E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.596E+05 1.227E+02
PSDF	EL STR	147	22801 (3)	2.101051E+02	3.339392E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.242E+03 1.227E+02
PSDF	EL STR	147	22801 (5)	1.438600E+03	1.189386E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.427E+05 1.056E+02
PSDF	EL STR	147	22801 (7)	1.702590E+03	1.171479E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.069E+05 1.049E+02
PSDF	EL STR	147	2541 (2)	3.567778E+03	1.583620E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.077E+06 1.620E+02
PSDF	EL STR	147	2541 (6)	4.478684E+01	1.412956E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.818E+02 1.220E+02
PSDF	EL STR	147	2541 (12)	3.564920E+03	1.580601E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.075E+06 1.620E+02
PSDF	EL STR	147	2597 (2)	1.355693E+03	1.701821E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.889E+05 1.049E+02
PSDF	EL STR	147	2597 (6)	7.984821E+01	1.607654E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.684E+02 1.049E+02
PSDF	EL STR	147	2597 (12)	7.085341E+02	2.768172E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.343E+04 1.056E+02
PSDF	EL STR	147	2700 (2)	1.445041E+03	1.943602E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.354E+05 1.056E+02
PSDF	EL STR	147	2700 (6)	5.494792E+01	1.634993E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.188E+02 1.800E+02
PSDF	EL STR	147	2700 (12)	1.508989E+03	1.786953E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.372E+05 1.800E+02
PSDF	EL STR	147	2716 (2)	1.025798E+03	1.842006E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.734E+04 1.056E+02
PSDF	EL STR	147	2716 (6)	1.139563E+02	1.927090E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.362E+02 1.220E+02
PSDF	EL STR	147	2716 (12)	4.445509E+02	1.663887E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.520E+04 1.760E+02
PSDF	EL STR	147	2819 (2)	1.181392E+02	2.203979E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.026E+02 1.220E+02
PSDF	EL STR	147	2819 (6)	1.076227E+02	1.871890E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.588E+02 1.220E+02
PSDF	EL STR	147	2819 (12)	2.501230E+02	1.255516E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.296E+03 1.056E+02
PSDF	EL STR	147	3302 (2)	5.614863E+02	3.045904E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.177E+04 1.780E+02
PSDF	EL STR	147	3302 (6)	2.185483E+01	1.457386E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.863E+01 1.056E+02
PSDF	EL STR	147	3302 (12)	1.534959E+02	5.262292E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.005E+02 5.060E+02
PSDF	EL STR	147	3304 (2)	3.612653E+02	3.063298E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.331E+03 1.780E+02
PSDF	EL STR	147	3304 (6)	1.389743E+02	1.283697E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.599E+03 1.056E+02

X Y - O U T P U T S U M M A R Y (A U T C O R P S D F)

PLOT TYPE	CURVE TYPE	FRAME NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX
PSDF	EL STR	147	3304(12)	3.577736E+02	3.450016E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.721E+03	1.780E+02
PSDF	EL STR	147	3307(2)	2.330043E+02	1.754346E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.159E+03	1.056E+02
PSDF	EL STR	147	3307(6)	6.985373E+01	1.333616E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.724E+02	1.220E+02
PSDF	EL STR	147	3307(12)	5.887556E+01	1.859813E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.997E+02	1.220E+02
PSDF	EL STR	147	9980(2)	1.394556E+03	2.271227E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.326E+04	2.320E+02
PSDF	EL STR	147	9980(6)	5.624473E+01	1.265939E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.269E+02	1.049E+02
PSDF	EL STR	147	9980(12)	5.08950E+02	2.326607E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.052E+03	2.300E+02
PSDF	EL STR	147	9982(2)	7.379985E+02	2.361515E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.411E+04	2.320E+02
PSDF	EL STR	147	9982(6)	1.783401E+02	1.350356E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.080E+03	1.056E+02
PSDF	EL STR	147	9982(12)	9.406260E+02	2.547798E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.950E+04	2.320E+02
PSDF	EL STR	147	9999(2)	4.924137E+03	1.238448E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.035E+06	1.056E+02
PSDF	EL STR	147	9999(6)	1.288004E+02	1.783553E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.719E+03	1.220E+02
PSDF	EL STR	147	9999(12)	2.802127E+03	1.282364E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.527E+05	1.056E+02
PSDF	EL STR	147	22530(3)	3.142522E+03	1.183439E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.149E+06	1.049E+02
PSDF	EL STR	147	22530(5)	1.574221E+03	1.094348E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.407E+05	1.056E+02
PSDF	EL STR	147	22530(7)	1.958292E+03	1.093223E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.297E+05	1.056E+02
PSDF	EL STR	147	22581(3)	9.989120E+02	1.089198E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.416E+05	1.056E+02
PSDF	EL STR	147	22581(5)	2.725582E+02	1.273158E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.072E+03	1.220E+02
PSDF	EL STR	147	22581(7)	9.319244E+02	1.123009E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.623E+04	1.049E+02
PSDF	EL STR	147	22535(3)	3.516834E+03	1.126498E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.493E+06	1.049E+02
PSDF	EL STR	147	22535(5)	7.688961E+02	1.450029E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.068E+04	1.056E+02
PSDF	EL STR	147	22535(7)	8.322762E+02	1.290539E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.725E+04	1.056E+02
PSDF	EL STR	147	22536(3)	5.818017E+03	1.122510E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.146E+06	1.049E+02
PSDF	EL STR	147	22536(5)	2.355578E+03	1.120217E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.065E+05	1.049E+02

X Y - O U T P U T S U M M A R Y (A U T O R P S D F)

PLOT TYPE	CURVE TYPE	FRAME NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX
PSDF	EL STR	147	22536(7)	1.296198E+03	1.170572E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.902E+05	1.056E+02
PSDF	EL STR	147	22580(3)	5.229145E+03	1.071745E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.970E+06	1.049E+02
PSDF	EL STR	147	22580(5)	5.150645E+02	1.099947E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.676E+04	1.056E+02
PSDF	EL STR	147	22580(7)	1.757146E+03	1.111006E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.405E+05	1.049E+02
PSDF	EL STR	147	22541(3)	2.699263E+03	1.108609E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.862E+05	1.049E+02
PSDF	EL STR	147	22541(5)	9.511006E+02	1.301474E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.161E+05	1.049E+02
PSDF	EL STR	147	22541(7)	1.074593E+03	1.302339E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.239E+05	1.220E+02
PSDF	EL STR	147	22542(3)	3.721368E+03	1.102264E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.771E+06	1.049E+02
PSDF	EL STR	147	22542(5)	1.644869E+03	1.076875E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.867E+05	1.049E+02
PSDF	EL STR	147	22542(7)	1.402534E+03	1.211419E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.518E+05	1.227E+02
PSDF	EL STR	147	22579(3)	3.960794E+03	1.115731E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.689E+06	1.049E+02
PSDF	EL STR	147	22579(5)	1.830005E+02	1.265308E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.092E+03	1.220E+02
PSDF	EL STR	147	22579(7)	1.108299E+03	1.100712E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.646E+05	1.049E+02
PSDF	EL STR	147	22593(3)	6.153358E+03	1.108153E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.810E+06	1.049E+02
PSDF	EL STR	147	22593(5)	9.700510E+01	1.232101E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.305E+03	1.049E+02
PSDF	EL STR	147	22593(7)	3.020347E+02	1.392572E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.131E+04	1.049E+02
PSDF	EL STR	147	22594(3)	6.663882E+03	1.120443E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.727E+06	1.049E+02
PSDF	EL STR	147	22594(5)	7.964604E+02	1.127290E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.040E+04	1.049E+02
PSDF	EL STR	147	22594(7)	4.419737E+02	1.264835E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.554E+04	1.049E+02
PSDF	EL STR	147	22547(3)	1.569378E+03	1.114377E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.055E+05	1.049E+02
PSDF	EL STR	147	22547(5)	1.275952E+03	1.212092E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.052E+05	1.049E+02
PSDF	EL STR	147	22547(7)	1.412825E+03	1.209460E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.422E+05	1.049E+02
PSDF	EL STR	147	22548(3)	9.271904E+02	1.119689E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.085E+05	1.049E+02
PSDF	EL STR	147	22548(5)	1.297224E+03	1.105514E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.097E+05	1.049E+02

EOS/AMSU-A2 STRUCTURAL MODEL
 QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)

MARCH 4, 1996 MSC/NASTRAN 8/24/94 PAGE 53

Report 10515
 1 Apr 96

X Y - O U T P U T S U M M A R Y (A U T O O R P S D F)

PLCT TYPE	CURVE ID.	FRAME NO.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX
PSDF	EL STR	147	22348 (7)	1.462964E+03	1.216299E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.645E+05 1.227E+02
PSDF	EL STR	147	22384 (3)	1.885944E+02	1.107732E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.969E+03 1.049E+02
PSDF	EL STR	147	22584 (5)	1.921082E+03	1.151274E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.088E+05 1.049E+02
PSDF	EL STR	147	22584 (7)	8.599351E+02	1.112943E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.887E+04 1.049E+02
PSDF	EL STR	147	22587 (3)	1.324877E+02	1.254916E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.801E+03 1.056E+02
PSDF	EL STR	147	22587 (5)	5.515681E+02	1.094832E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.998E+04 1.049E+02
PSDF	EL STR	147	22587 (7)	3.348201E+02	1.143428E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.141E+04 1.049E+02
PSDF	EL STR	147	22588 (3)	4.057856E+02	1.135419E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.288E+04 1.049E+02
PSDF	EL STR	147	22588 (5)	4.690992E+02	1.113358E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.727E+04 1.049E+02
PSDF	EL STR	147	22588 (7)	8.575903E+02	1.106061E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.051E+05 1.049E+02
PSDF	EL STR	147	22605 (3)	3.146712E+02	1.338219E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.054E+04 1.220E+02
PSDF	EL STR	147	22605 (5)	2.233977E+01	1.264906E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.235E+01 1.227E+02
PSDF	EL STR	147	22605 (7)	5.417802E+01	1.485039E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.506E+02 1.049E+02
PSDF	EL STR	147	22628 (3)	1.939769E+02	1.468026E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.992E+03 1.220E+02
PSDF	EL STR	147	22628 (5)	1.266264E+01	1.795238E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.398E+01 1.227E+02
PSDF	EL STR	147	22628 (7)	9.057491E+01	1.644982E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.429E+02 1.049E+02
PSDF	EL STR	147	22637 (3)	5.463530E+02	1.205602E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.459E+04 1.227E+02
PSDF	EL STR	147	22637 (5)	2.635015E+02	1.257717E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.160E+03 1.220E+02
PSDF	EL STR	147	22637 (7)	1.799337E+02	1.277163E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.975E+03 1.220E+02
PSDF	EL STR	147	22638 (3)	1.760794E+02	1.345136E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.503E+03 1.220E+02
PSDF	EL STR	147	22638 (5)	2.926350E+02	1.266893E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.935E+03 1.220E+02
PSDF	EL STR	147	22638 (7)	7.277465E+02	1.251429E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.858E+04 1.220E+02
PSDF	EL STR	147	22705 (3)	1.178131E+03	1.088540E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.976E+05 1.056E+02
PSDF	EL STR	147	22705 (5)	2.499260E+02	1.261852E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.480E+03 1.220E+02

X Y - O U T P U T S U M M A R Y (A U T O R P S D F)

PLOT TYPE	CURVE FRAME TYPE	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX	
PSDF	EL STR	147	22705(7)	1.331392E+02	1.291696E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.716E+03	1.220E+02
PSDF	EL STR	147	22706(3)	1.245542E+03	1.098633E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.208E+05	1.049E+02
PSDF	EL STR	147	22706(5)	3.703461E+02	1.290178E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.638E+04	1.220E+02
PSDF	EL STR	147	22706(7)	4.067728E+02	1.378689E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.468E+04	1.219E+02
PSDF	EL STR	147	22654(3)	1.236762E+03	1.100308E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.146E+05	1.056E+02
PSDF	EL STR	147	22654(5)	1.102350E+02	1.399213E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.284E+03	1.220E+02
PSDF	EL STR	147	22654(7)	1.222716E+02	1.570152E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.864E+02	1.056E+02
PSDF	EL STR	147	22655(3)	1.448202E+03	1.083897E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.033E+05	1.056E+02
PSDF	EL STR	147	22655(5)	1.399448E+02	1.195248E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.830E+03	1.049E+02
PSDF	EL STR	147	22655(7)	7.106903E+01	1.49276E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.160E+02	1.480E+02
PSDF	EL STR	147	22658(3)	3.305422E+02	1.169163E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.063E+04	1.049E+02
PSDF	EL STR	147	22658(5)	1.296013E+02	1.373382E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.894E+03	1.220E+02
PSDF	EL STR	147	22658(7)	9.092799E+01	1.323169E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.168E+02	1.056E+02
PSDF	EL STR	147	22689(3)	2.705099E+03	1.227566E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.819E+05	1.049E+02
PSDF	EL STR	147	22689(5)	6.276152E+02	1.449900E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.148E+04	1.220E+02
PSDF	EL STR	147	22689(7)	4.308554E+02	1.354752E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.586E+04	1.056E+02
PSDF	EL STR	147	22688(3)	1.723971E+03	1.491536E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.954E+05	1.220E+02
PSDF	EL STR	147	22688(5)	9.455593E+02	1.274055E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.066E+04	1.049E+02
PSDF	EL STR	147	22688(7)	2.361938E+02	1.838119E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.899E+03	1.049E+02
PSDF	EL STR	147	22687(3)	2.277240E+03	1.420847E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.643E+05	1.220E+02
PSDF	EL STR	147	22687(5)	1.032711E+02	1.455063E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.507E+02	1.219E+02
PSDF	EL STR	147	22687(7)	4.490398E+02	1.455229E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.932E+04	1.220E+02
PSDF	EL STR	147	22702(3)	1.633519E+02	1.609212E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.343E+03	1.049E+02
PSDF	EL STR	147	22702(5)	1.305997E+02	1.238729E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.360E+03	1.049E+02

X Y - O U T P U T S U M M A R Y (A U T O R P S D F)

PLOT TYPE	CURVE TYPE	FRAME NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX
PSDF	EL STR	147	22702(7)	7.580949E+01	1.229390E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.987E+02	1.056E+02
PSDF	EL STR	147	22407(3)	2.210881E+03	1.406747E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.031E+05	1.220E+02
PSDF	EL STR	147	22407(5)	3.337031E+02	1.815567E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.240E+04	1.049E+02
PSDF	EL STR	147	22407(7)	5.527031E+02	1.261529E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.701E+04	1.056E+02
PSDF	EL STR	147	22686(3)	3.594643E+03	1.347044E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.700E+05	1.220E+02
PSDF	EL STR	147	22686(5)	5.292173E+02	1.424109E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.140E+04	1.220E+02
PSDF	EL STR	147	22686(7)	2.290404E+02	2.385727E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.493E+03	1.220E+02
PSDF	EL STR	147	22372(3)	6.995068E+02	1.364468E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.929E+04	1.049E+02
PSDF	EL STR	147	22372(5)	3.443571E+02	1.983781E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.562E+03	1.220E+02
PSDF	EL STR	147	22372(7)	9.632095E+02	1.504442E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.018E+04	1.220E+02
PSDF	EL STR	147	22371(3)	1.334971E+03	1.379764E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.249E+05	1.220E+02
PSDF	EL STR	147	22371(5)	1.204806E+03	1.419621E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.087E+05	1.220E+02
PSDF	EL STR	147	22371(7)	7.788690E+02	1.366141E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.460E+04	1.219E+02
PSDF	EL STR	147	22351(3)	4.395593E+02	1.341675E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.685E+04	1.049E+02
PSDF	EL STR	147	22351(5)	1.877543E+02	2.597708E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.659E+03	1.049E+02
PSDF	EL STR	147	22351(7)	4.184938E+02	1.430675E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.110E+04	1.056E+02
PSDF	EL STR	147	22379(3)	6.542026E+02	1.404446E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.629E+04	1.220E+02
PSDF	EL STR	147	22379(5)	1.822946E+02	2.269081E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.415E+03	1.220E+02
PSDF	EL STR	147	22379(7)	7.929479E+02	1.096877E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.102E+04	1.049E+02
PSDF	EL STR	147	26416(3)	1.397799E+02	1.769639E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.528E+03	1.220E+02
PSDF	EL STR	147	26416(5)	9.508509E+01	1.378623E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.639E+02	1.220E+02
PSDF	EL STR	147	26416(7)	3.874498E+02	1.174404E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.013E+04	1.049E+02
PSDF	EL STR	147	26417(3)	2.817214E+02	1.156248E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.128E+04	1.049E+02
PSDF	EL STR	147	26417(5)	1.960410E+02	1.839188E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.890E+03	1.220E+02

X Y - O U T P U T S U M M A R Y (A U T O R P S D F)

PLOT TYPE	CURVE TYPE	FRAME NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX
PSDF	EL STR	147	26417(7)	3.474527E+02	1.157259E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.596E+04	1.049E+02
PSDF	EL STR	147	26418(3)	9.109992E+01	2.121976E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.370E+02	1.760E+02
PSDF	EL STR	147	26418(5)	9.253463E+01	2.037912E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.616E+02	1.227E+02
PSDF	EL STR	147	26418(7)	3.262912E+02	1.232000E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.219E+04	1.049E+02
PSDF	EL STR	147	26419(2)	3.288118E+02	4.827305E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.629E+03	5.120E+02
PSDF	EL STR	147	26419(6)	8.770944E+01	1.380718E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.435E+02	1.220E+02
PSDF	EL STR	147	26419(12)	1.299107E+03	2.048956E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.069E+04	1.760E+02
PSDF	EL STR	147	26420(2)	1.227375E+03	2.126124E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.998E+04	1.760E+02
PSDF	EL STR	147	26420(6)	1.275263E+02	1.246013E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.202E+03	1.227E+02
PSDF	EL STR	147	26420(12)	5.847687E+02	2.535133E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.377E+04	1.056E+02
PSDF	EL STR	147	26421(3)	1.312215E+02	1.646456E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.202E+03	1.049E+02
PSDF	EL STR	147	26421(5)	5.925713E+01	1.862287E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.264E+02	1.760E+02
PSDF	EL STR	147	26421(7)	3.187885E+02	1.261363E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.079E+04	1.049E+02
PSDF	EL STR	147	26422(3)	5.446327E+02	1.093671E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.241E+04	1.056E+02
PSDF	EL STR	147	26422(5)	8.644058E+01	2.047672E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.999E+02	1.227E+02
PSDF	EL STR	147	26422(7)	3.862114E+02	1.196385E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.703E+04	1.049E+02
PSDF	EL STR	147	26423(3)	1.202939E+02	2.250649E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.305E+02	1.049E+02
PSDF	EL STR	147	26423(5)	2.231377E+02	1.353313E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.031E+03	1.049E+02
PSDF	EL STR	147	26423(7)	2.946203E+02	1.296133E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.034E+04	1.049E+02
PSDF	EL STR	147	26424(3)	1.954871E+02	1.763513E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.921E+03	1.219E+02
PSDF	EL STR	147	26424(5)	9.021944E+01	1.961534E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.271E+02	1.760E+02
PSDF	EL STR	147	26424(7)	3.001900E+02	1.389278E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.046E+04	1.056E+02
PSDF	EL STR	147	26425(3)	7.095715E+01	2.510039E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.360E+02	1.049E+02
PSDF	EL STR	147	26425(5)	4.126421E+01	5.175649E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.433E+01	1.760E+02

X Y - O U T P U T S U M M A R Y (A U T O R P S D F)

PLOT TYPE	CURVE FRAME NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX
PSDF EL STR	147	26425(7)	2.781631E+02	1.316971E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.343E+03	1.056E+02
PSDF EL STR	147	26426(3)	6.751302E+01	2.410866E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.583E+02	1.220E+02
PSDF EL STR	147	26426(5)	3.844993E+01	4.270501E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.857E+01	1.056E+02
PSDF EL STR	147	26426(7)	2.619472E+02	1.350701E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.279E+03	1.056E+02
PSDF EL STR	147	26427(3)	3.468007E+02	1.539728E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.049E+04	1.219E+02
PSDF EL STR	147	26427(5)	2.161140E+02	1.979482E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.623E+03	1.220E+02
PSDF EL STR	147	26427(7)	3.646190E+02	1.349305E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.599E+04	1.056E+02
PSDF EL STR	147	26428(3)	3.086845E+02	1.871932E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.858E+03	1.220E+02
PSDF EL STR	147	26428(5)	3.788676E+02	2.540574E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.520E+03	2.720E+02
PSDF EL STR	147	26428(7)	2.915628E+02	1.311413E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.044E+04	1.056E+02
PSDF EL STR	147	26429(3)	2.703588E+02	1.728804E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.760E+03	1.219E+02
PSDF EL STR	147	26429(5)	8.792365E+01	2.173395E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.080E+02	1.760E+02
PSDF EL STR	147	26429(7)	2.681259E+02	1.647043E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.121E+03	1.056E+02
PSDF EL STR	147	26430(2)	6.858676E+02	2.306762E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.714E+04	1.049E+02
PSDF EL STR	147	26430(6)	9.191837E+01	1.554608E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.489E+02	1.056E+02
PSDF EL STR	147	26430(12)	9.050580E+02	1.999181E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.166E+04	1.760E+02
PSDF EL STR	147	26431(2)	9.382874E+02	1.992581E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.551E+04	1.760E+02
PSDF EL STR	147	26431(6)	1.168236E+02	1.423281E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.680E+03	1.056E+02
PSDF EL STR	147	26431(12)	1.292448E+03	1.680675E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.009E+05	1.760E+02
PSDF EL STR	147	26432(2)	1.819114E+03	1.682112E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.942E+05	1.049E+02
PSDF EL STR	147	26432(6)	7.610152E+01	1.786323E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.270E+02	1.219E+02
PSDF EL STR	147	26432(12)	8.659314E+02	1.910191E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.143E+04	1.220E+02
PSDF EL STR	147	26433(2)	8.633510E+02	1.935502E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.076E+04	1.220E+02
PSDF EL STR	147	26433(6)	8.176896E+01	1.624660E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.979E+02	1.219E+02

X Y - O U T P U T S U M M A R Y (A U T O O R P S D F)

PLOT TYPE	CURVE FRAME NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX
PSDF EL STR	147	26433(12)	4.669675E+02	2.942884E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.166E+04	1.760E+02
PSDF EL STR	147	26434(2)	1.373476E+03	2.448161E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.599E+04	1.760E+02
PSDF EL STR	147	26434(6)	2.414349E+02	1.472736E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.231E+03	1.220E+02
PSDF EL STR	147	26434(12)	6.302819E+02	2.396227E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.032E+04	1.760E+02
PSDF EL STR	147	26435(2)	8.360442E+02	2.455710E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.341E+04	1.760E+02
PSDF EL STR	147	26435(6)	1.879870E+02	1.511069E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.461E+03	1.219E+02
PSDF EL STR	147	26435(12)	1.013760E+03	2.642572E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.212E+04	1.760E+02
PSDF EL STR	147	26436(3)	1.215009E+02	1.975948E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.015E+03	1.056E+02
PSDF EL STR	147	26436(5)	1.342331E+02	1.830799E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.465E+03	1.220E+02
PSDF EL STR	147	26436(7)	1.667470E+02	1.572210E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.361E+03	1.049E+02
PSDF EL STR	147	26437(3)	2.668878E+02	1.176389E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.479E+03	1.049E+02
PSDF EL STR	147	26437(5)	2.294745E+02	1.263094E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.857E+03	1.049E+02
PSDF EL STR	147	26437(7)	1.252601E+02	2.185999E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.080E+03	1.219E+02
PSDF EL STR	147	26438(3)	9.341621E+01	1.957552E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.144E+02	1.056E+02
PSDF EL STR	147	26438(5)	1.270165E+02	1.580753E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.621E+03	1.220E+02
PSDF EL STR	147	26438(7)	2.070927E+02	1.493994E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.376E+03	1.049E+02
PSDF EL STR	147	26439(3)	1.712249E+02	1.932256E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.260E+03	1.049E+02
PSDF EL STR	147	26439(5)	3.320205E+02	1.302578E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.206E+03	1.049E+02
PSDF EL STR	147	26439(7)	9.042314E+01	1.853597E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.407E+02	1.056E+02
PSDF EL STR	147	26440(3)	6.745325E+01	1.756538E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.612E+02	1.219E+02
PSDF EL STR	147	26440(5)	1.016929E+02	1.982529E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.519E+02	1.049E+02
PSDF EL STR	147	26440(7)	1.646791E+02	1.746397E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.600E+03	1.220E+02
PSDF EL STR	147	26441(3)	1.374788E+02	3.105486E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.355E+02	1.049E+02
PSDF EL STR	147	26441(5)	2.011404E+02	1.734226E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.699E+03	1.220E+02

EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)

MARCH 4, 1996 MSC/NASTRAN 8/24/94 PAGE 59

X Y - O U T P U T S U M M A R Y (A U T O O R P S D F)

PLOT TYPE	CURVE FRAME TYPE NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX
PSDF	EL STR	26441(7)	8.384603E+01	1.587342E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.651E+02	1.056E+02
PSDF	EL STR	26442(3)	7.382991E+01	2.878035E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.552E+02	1.219E+02
PSDF	EL STR	26442(5)	1.336011E+02	1.772304E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.529E+03	1.220E+02
PSDF	EL STR	26442(7)	1.315334E+02	1.846169E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.487E+03	1.049E+02
PSDF	EL STR	26443(3)	9.444930E+01	1.648538E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.002E+02	1.049E+02
PSDF	EL STR	26443(5)	1.052374E+02	1.620470E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.016E+03	1.219E+02
PSDF	EL STR	26443(7)	1.955740E+02	1.500785E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.000E+03	1.049E+02
PSDF	EL STR	26444(3)	6.764626E+01	3.159357E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.295E+02	1.056E+02
PSDF	EL STR	26444(5)	1.404027E+02	1.850993E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.655E+03	1.220E+02
PSDF	EL STR	26444(7)	1.826057E+02	1.513490E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.117E+03	1.049E+02
PSDF	EL STR	26445(3)	1.003880E+02	1.954288E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.194E+03	1.056E+02
PSDF	EL STR	26445(5)	1.051876E+02	2.053344E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.465E+02	1.056E+02
PSDF	EL STR	26445(7)	1.186650E+02	1.890046E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.377E+03	1.049E+02
PSDF	EL STR	26446(3)	8.036649E+01	1.858275E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.159E+02	1.056E+02
PSDF	EL STR	26446(5)	1.552543E+02	1.841527E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.244E+03	1.219E+02
PSDF	EL STR	26446(7)	1.559738E+02	1.677751E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.808E+03	1.049E+02
PSDF	EL STR	26447(3)	6.732520E+01	2.032798E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.331E+02	1.056E+02
PSDF	EL STR	26447(5)	1.698841E+02	1.580097E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.639E+03	1.056E+02
PSDF	EL STR	26447(7)	1.860053E+02	1.761541E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.271E+03	1.049E+02
PSDF	EL STR	26448(3)	1.1933301E+02	2.181040E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.797E+02	1.220E+02
PSDF	EL STR	26448(5)	8.735207E+01	2.670790E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.319E+02	1.056E+02
PSDF	EL STR	26448(7)	1.538849E+02	1.760265E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.754E+03	1.049E+02
PSDF	EL STR	26449(3)	1.239043E+02	1.620033E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.381E+03	1.056E+02
PSDF	EL STR	26449(5)	1.061357E+02	2.255160E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.333E+03	1.049E+02

X Y - O U T P U T S U M M A R Y (A U T O O R P S D F)

PLOT TYPE	CURVE TYPE	FRAME NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX
PSDF	EL STR	147	26449(7)	1.472860E+02	2.074145E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.585E+03	1.049E+02
PSDF	EL STR	147	26450(3)	2.116030E+02	1.771547E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.872E+03	1.049E+02
PSDF	EL STR	147	26450(5)	4.376449E+02	2.245683E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.211E+04	1.760E+02
PSDF	EL STR	147	26450(7)	3.110752E+02	1.343553E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.526E+03	1.049E+02
PSDF	EL STR	147	26451(3)	6.953876E+02	1.585675E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.712E+04	1.056E+02
PSDF	EL STR	147	26451(5)	7.428618E+02	1.842811E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.919E+04	1.760E+02
PSDF	EL STR	147	26451(7)	1.982151E+02	1.334470E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.146E+03	1.049E+02
PSDF	EL STR	147	26452(3)	2.799578E+02	1.623456E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.473E+03	1.049E+02
PSDF	EL STR	147	26452(5)	2.837745E+02	1.270929E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.011E+04	1.049E+02
PSDF	EL STR	147	26452(7)	3.907875E+02	1.124070E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.980E+04	1.049E+02
PSDF	EL STR	147	26453(3)	2.576221E+02	1.257869E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.044E+03	1.049E+02
PSDF	EL STR	147	26453(5)	1.875975E+02	2.328694E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.656E+03	1.760E+02
PSDF	EL STR	147	26453(7)	2.730781E+02	1.523287E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.460E+03	1.220E+02
PSDF	EL STR	147	26454(3)	1.803647E+02	1.902558E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.168E+03	1.049E+02
PSDF	EL STR	147	26454(5)	2.310238E+02	1.749135E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.699E+03	1.760E+02
PSDF	EL STR	147	26454(7)	3.607148E+02	1.366800E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.100E+04	1.049E+02
PSDF	EL STR	147	26455(3)	3.914076E+02	1.828546E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.755E+03	1.760E+02
PSDF	EL STR	147	26455(5)	2.449258E+02	1.878705E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.363E+03	1.760E+02
PSDF	EL STR	147	26455(7)	3.764071E+02	1.172664E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.620E+04	1.049E+02
PSDF	EL STR	147	26456(3)	2.076166E+02	1.493697E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.379E+03	1.049E+02
PSDF	EL STR	147	26456(5)	1.391552E+02	1.674520E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.127E+03	1.056E+02
PSDF	EL STR	147	26456(7)	3.795368E+02	1.233228E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.536E+04	1.049E+02
PSDF	EL STR	147	26457(3)	1.349674E+02	2.489402E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.150E+02	1.760E+02
PSDF	EL STR	147	26457(5)	3.386333E+02	1.739617E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.731E+03	1.220E+02

ECS/AMBU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)

MARCH 4, 1996 MSC/NASTRAN 8/24/94 PAGE 61

X Y - C U T P U T S U M M A R Y (A U T C R P S D F)

PLOT TYPE	CURVE TYPE	FRAME NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX
PSDF	EL STR	147	26457(7)	3.190857E+02	1.260663E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.024E+04	1.049E+02
PSDF	EL STR	147	26458(3)	4.119810E+02	2.845156E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.741E+03	1.760E+02
PSDF	EL STR	147	26458(5)	4.333700E+02	2.066323E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.738E+03	1.056E+02
PSDF	EL STR	147	26458(7)	2.755348E+02	1.435679E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.718E+03	1.049E+02
PSDF	EL STR	147	26459(3)	3.220817E+02	1.690746E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.598E+03	1.220E+02
PSDF	EL STR	147	26459(5)	2.752115E+02	1.423817E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.825E+03	1.219E+02
PSDF	EL STR	147	26459(7)	3.738251E+02	1.246983E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.073E+04	1.049E+02
PSDF	EL STR	147	26460(3)	1.305407E+02	2.455701E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.789E+03	1.056E+02
PSDF	EL STR	147	26460(5)	3.261481E+02	3.243495E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.958E+03	1.760E+02
PSDF	EL STR	147	26460(7)	2.866443E+02	1.542006E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.661E+03	1.049E+02
PSDF	EL STR	147	26461(3)	3.785742E+02	2.039842E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.410E+04	1.049E+02
PSDF	EL STR	147	26461(5)	2.417464E+02	1.682811E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.692E+03	1.049E+02
PSDF	EL STR	147	26461(7)	1.055010E+02	2.004173E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.975E+02	1.220E+02
PSDF	EL STR	147	26462(3)	3.408664E+02	3.280562E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.573E+03	1.760E+02
PSDF	EL STR	147	26462(5)	3.213109E+02	3.247209E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.840E+03	1.056E+02
PSDF	EL STR	147	26462(7)	2.615485E+02	2.168549E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.063E+03	1.049E+02
PSDF	EL STR	147	26463(3)	2.713922E+02	2.518403E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.567E+03	1.760E+02
PSDF	EL STR	147	26463(5)	3.760588E+02	2.924860E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.149E+03	1.049E+02
PSDF	EL STR	147	26463(7)	1.498722E+02	1.885549E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.202E+03	1.220E+02
PSDF	EL STR	147	26464(3)	8.831131E+01	3.706273E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.431E+02	1.049E+02
PSDF	EL STR	147	26464(5)	1.722847E+02	1.455502E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.656E+03	1.220E+02
PSDF	EL STR	147	26464(7)	3.470327E+02	1.258739E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.197E+04	1.049E+02
PSDF	EL STR	147	26465(3)	2.155168E+02	3.278925E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.727E+03	1.049E+02
PSDF	EL STR	147	26465(5)	3.258942E+02	3.225520E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.890E+03	1.760E+02

X Y - O U T P U T S U M M A R Y (A U T O R P S D F)

PLOT TYPE	CURVE FRAME NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX
PSDF EL STR	147	26465(7)	2.257820E+02	1.913576E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.599E+03	1.049E+02
PSDF EL STR	147	26466(3)	3.306271E+02	2.788764E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.878E+03	2.720E+02
PSDF EL STR	147	26466(5)	5.783168E+02	2.442461E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.227E+04	1.219E+02
PSDF EL STR	147	26466(7)	2.242756E+02	1.597329E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	6.414E+03	1.049E+02
PSDF EL STR	147	26467(3)	4.088302E+02	3.036548E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.006E+03	2.720E+02
PSDF EL STR	147	26467(5)	4.865705E+02	2.293329E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.260E+03	1.219E+02
PSDF EL STR	147	26467(7)	2.753752E+02	2.282022E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.676E+03	1.049E+02
PSDF EL STR	147	26468(3)	9.953059E+01	3.476707E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.123E+02	1.049E+02
PSDF EL STR	147	26468(5)	3.441927E+02	1.570341E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.041E+03	1.219E+02
PSDF EL STR	147	26468(7)	2.739226E+02	1.684159E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.000E+03	1.049E+02
PSDF EL STR	147	26469(3)	1.476947E+02	3.387007E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.136E+02	1.056E+02
PSDF EL STR	147	26469(5)	4.431940E+02	3.582696E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	5.921E+03	2.720E+02
PSDF EL STR	147	26469(7)	2.332921E+02	2.104882E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.825E+03	1.049E+02
PSDF EL STR	147	26470(3)	4.191684E+02	3.033637E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.561E+03	1.049E+02
PSDF EL STR	147	26470(5)	2.744818E+02	2.598275E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.828E+03	1.049E+02
PSDF EL STR	147	26470(7)	1.668859E+02	2.204012E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.719E+03	1.219E+02
PSDF EL STR	147	26471(3)	2.956656E+02	3.765374E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.367E+03	1.056E+02
PSDF EL STR	147	26471(5)	2.484593E+02	5.143745E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.930E+03	1.049E+02
PSDF EL STR	147	26471(7)	1.841618E+02	2.138514E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.627E+03	1.220E+02
PSDF EL STR	147	26472(3)	4.343625E+02	2.672927E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.761E+03	1.049E+02
PSDF EL STR	147	26472(5)	7.361833E+02	2.785497E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.802E+04	2.720E+02
PSDF EL STR	147	26472(7)	3.184439E+02	2.393766E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.657E+03	1.049E+02
PSDF EL STR	147	26473(3)	2.939467E+02	2.781427E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.908E+03	2.720E+02
PSDF EL STR	147	26473(5)	4.420336E+02	1.572803E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.976E+04	1.220E+02

X Y - O U T P U T S U M M A R Y (A U T O R P S D F)

PLOT TYPE	CURVE FRAME TYPE	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX
PSDF	EL STR	147 26473(7)	2.769040E+02	1.857231E+02	1.000E+01	0.000E+00	1.000E+01	7.582E+03	1.049E+02
PSDF	EL FOR	147 22813(2)	3.897497E+01	1.300944E+02	1.000E+01	0.000E+00	1.000E+01	1.508E+02	1.227E+02
PSDF	EL FOR	147 22813(3)	1.036526E+02	1.301745E+02	1.000E+01	0.000E+00	1.000E+01	1.185E+03	1.220E+02
PSDF	EL FOR	147 22813(5)	8.652636E-02	1.127298E+02	1.000E+01	0.000E+00	1.000E+01	8.980E-04	1.049E+02
PSDF	EL FOR	147 22813(6)	2.151147E-01	1.095438E+02	1.000E+01	0.000E+00	1.000E+01	6.128E-03	1.049E+02
PSDF	EL FOR	147 22813(8)	2.843628E-02	1.184553E+02	1.000E+01	0.000E+00	1.000E+01	6.553E-05	1.049E+02
PSDF	EL FOR	147 22813(9)	1.238821E+00	1.086255E+02	1.000E+01	0.000E+00	1.000E+01	2.111E-01	1.049E+02
PSDF	EL FOR	147 22815(2)	2.469502E+01	1.179717E+02	1.000E+01	0.000E+00	1.000E+01	4.529E+01	1.049E+02
PSDF	EL FOR	147 22815(3)	1.048445E+02	1.269492E+02	1.000E+01	0.000E+00	1.000E+01	1.342E+03	1.220E+02
PSDF	EL FOR	147 22815(5)	4.756608E-02	1.793832E+02	1.000E+01	0.000E+00	1.000E+01	2.747E-04	1.049E+02
PSDF	EL FOR	147 22815(6)	4.110737E-01	1.107428E+02	1.000E+01	0.000E+00	1.000E+01	2.211E-02	1.049E+02
PSDF	EL FOR	147 22815(8)	1.856106E-01	1.466436E+02	1.000E+01	0.000E+00	1.000E+01	3.402E-03	1.049E+02
PSDF	EL FOR	147 22815(9)	5.168256E-01	1.121790E+02	1.000E+01	0.000E+00	1.000E+01	3.641E-02	1.049E+02
PSDF	EL FOR	147 22806(2)	3.271023E+01	1.100826E+02	1.000E+01	0.000E+00	1.000E+01	1.507E+02	1.049E+02
PSDF	EL FOR	147 22806(3)	2.810882E+01	1.331398E+02	1.000E+01	0.000E+00	1.000E+01	9.509E+01	1.049E+02
PSDF	EL FOR	147 22806(5)	1.333562E-01	1.131221E+02	1.000E+01	0.000E+00	1.000E+01	2.277E-03	1.049E+02
PSDF	EL FOR	147 22806(6)	4.087922E-01	1.101688E+02	1.000E+01	0.000E+00	1.000E+01	2.182E-02	1.049E+02
PSDF	EL FOR	147 22806(8)	1.742734E-02	2.298382E+02	1.000E+01	0.000E+00	1.000E+01	4.081E-05	1.049E+02
PSDF	EL FOR	147 22806(9)	2.916721E-01	1.550746E+02	1.000E+01	0.000E+00	1.000E+01	1.073E-02	1.049E+02
PSDF	EL FOR	147 22805(2)	1.400067E+01	1.201528E+02	1.000E+01	0.000E+00	1.000E+01	1.556E+01	1.049E+02
PSDF	EL FOR	147 22805(3)	8.813548E+01	1.251154E+02	1.000E+01	0.000E+00	1.000E+01	9.415E+02	1.056E+02
PSDF	EL FOR	147 22805(5)	3.640955E-02	3.915414E+02	1.000E+01	0.000E+00	1.000E+01	1.021E-04	1.049E+02
PSDF	EL FOR	147 22805(6)	1.140179E-01	1.123657E+02	1.000E+01	0.000E+00	1.000E+01	1.675E-03	1.049E+02
PSDF	EL FOR	147 22805(8)	1.288737E-01	1.248480E+02	1.000E+01	0.000E+00	1.000E+01	2.318E-03	1.049E+02

X Y - O U T P U T S U M M A R Y (A U T O R P S D F)

PLOT TYPE	CURVE TYPE	FRAME NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX
PSDF	EL FOR	147	22805(9)	1.365021E-01	2.434338E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.686E-03	1.049E+02
PSDF	EL FOR	147	22801(2)	8.557958E+00	1.252087E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.855E+00	1.049E+02
PSDF	EL FOR	147	22801(3)	7.022698E+01	1.222009E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.499E+02	1.056E+02
PSDF	EL FOR	147	22801(5)	6.610135E-02	4.063144E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.579E-04	1.049E+02
PSDF	EL FOR	147	22801(6)	3.772284E-02	2.473194E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.066E-04	1.049E+02
PSDF	EL FOR	147	22801(8)	2.913283E-01	1.202523E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.010E-02	1.049E+02
PSDF	EL FOR	147	22801(9)	7.037046E-02	1.504341E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.643E-04	1.049E+02
PSDF	EL FOR	147	22742(2)	2.723861E+01	1.210011E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.125E+01	1.056E+02
PSDF	EL FOR	147	22742(3)	1.404203E+01	1.128977E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.937E+01	1.049E+02
PSDF	EL FOR	147	22742(5)	1.097988E-01	1.163963E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.684E-03	1.049E+02
PSDF	EL FOR	147	22742(6)	1.100048E-01	1.184631E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.456E-03	1.049E+02
PSDF	EL FOR	147	22742(8)	7.249372E-02	1.123135E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.175E-04	1.056E+02
PSDF	EL FOR	147	22742(9)	1.074331E-01	1.389709E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.411E-03	1.056E+02
PSDF	EL FOR	147	22743(2)	5.871347E+00	1.436313E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.289E+00	1.220E+02
PSDF	EL FOR	147	22743(3)	2.268142E+00	2.277071E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.984E-01	1.049E+02
PSDF	EL FOR	147	22743(5)	7.365746E-02	1.538877E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.460E-04	1.049E+02
PSDF	EL FOR	147	22743(6)	3.432299E-02	1.495737E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.490E-04	1.049E+02
PSDF	EL FOR	147	22743(8)	9.449014E-02	1.333013E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.185E-03	1.049E+02
PSDF	EL FOR	147	22743(9)	3.311593E-02	2.899622E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.422E-05	1.220E+02
PSDF	EL FOR	147	22744(2)	3.317240E+00	1.607119E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.131E-01	1.227E+02
PSDF	EL FOR	147	22744(3)	4.487454E+00	1.533893E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.343E+00	1.227E+02
PSDF	EL FOR	147	22744(5)	1.247654E-01	1.352692E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.560E-03	1.049E+02
PSDF	EL FOR	147	22744(6)	9.343252E-02	1.185042E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.063E-03	1.049E+02
PSDF	EL FOR	147	22744(8)	9.692604E-02	1.401092E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.197E-03	1.049E+02

X Y - O U T P U T S U M M A R Y (A U T C O R P S D F)

PLOT TYPE	CURVE FRAME TYPE	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX
PSDF EL FOR	147	22744(9)	3.061948E-01	1.469655E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.229E-02	1.049E+02
PSDF EL FOR	147	22745(2)	3.513003E+01	1.260803E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.333E+02	1.220E+02
PSDF EL FOR	147	22745(3)	2.012998E+00	1.551187E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.822E-01	1.056E+02
PSDF EL FOR	147	22745(5)	1.972508E-02	1.439054E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.863E-05	1.227E+02
PSDF EL FOR	147	22745(6)	2.277635E-02	1.363681E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.420E-05	1.049E+02
PSDF EL FOR	147	22745(8)	1.592727E-01	1.246884E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.720E-03	1.220E+02
PSDF EL FOR	147	22745(9)	4.545874E-02	1.274138E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.273E-04	1.220E+02
PSDF EL FOR	147	22840(2)	8.989619E+01	1.256991E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.198E+02	1.220E+02
PSDF EL FOR	147	22840(3)	1.178306E+01	1.299885E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.227E+01	1.056E+02
PSDF EL FOR	147	22840(5)	1.752524E-02	5.014917E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.324E-06	1.049E+02
PSDF EL FOR	147	22840(6)	5.477466E-02	5.102418E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.991E-05	1.049E+02
PSDF EL FOR	147	22840(8)	9.224948E-02	4.754175E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.211E-04	1.049E+02
PSDF EL FOR	147	22840(9)	6.575795E-02	1.873911E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.880E-04	1.049E+02
PSDF EL FOR	147	22842(2)	9.203670E+01	1.262067E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.724E+02	1.220E+02
PSDF EL FOR	147	22842(3)	5.617422E+00	1.499997E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.700E+00	1.056E+02
PSDF EL FOR	147	22842(5)	1.433145E-02	5.389090E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.392E-06	5.740E+02
PSDF EL FOR	147	22842(6)	3.848726E-02	5.127944E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.675E-05	5.740E+02
PSDF EL FOR	147	22842(8)	1.291502E-01	4.101548E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.715E-04	1.049E+02
PSDF EL FOR	147	22842(9)	2.617837E-02	2.895090E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.945E-05	1.049E+02
PSDF EL FOR	147	22844(2)	4.060291E+01	1.304417E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.881E+02	1.220E+02
PSDF EL FOR	147	22844(3)	3.034802E+01	1.209008E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.438E+01	1.227E+02
PSDF EL FOR	147	22844(5)	7.120022E-03	2.700059E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.359E-06	1.049E+02
PSDF EL FOR	147	22844(6)	6.324494E-03	3.283828E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.837E-06	1.049E+02
PSDF EL FOR	147	22844(8)	2.616752E-02	2.519050E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.500E-05	1.049E+02

X Y - O U T P U T S U M M A R Y (A U T O O R P S D F)

PLOT TYPE	CURVE TYPE	FRAME NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	YMAX FOR ALL DATA	X FOR YMIN	X FOR YMAX
PSDF	EL FOR	147	22844(9)	1.083868E-02	5.537991E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.514E-06	5.740E+02
PSDF	EL FOR	147	22838(2)	1.691820E+01	1.636481E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.025E+01	1.219E+02
PSDF	EL FOR	147	22838(3)	3.472577E-01	1.082893E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.719E+02	1.049E+02
PSDF	EL FOR	147	22838(5)	7.594535E-03	2.670859E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.594E-06	1.220E+02
PSDF	EL FOR	147	22838(6)	4.447953E-03	2.181389E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.239E-06	1.056E+02
PSDF	EL FOR	147	22838(8)	1.604952E-01	1.748058E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.711E-03	1.049E+02
PSDF	EL FOR	147	22838(9)	4.771400E-02	1.958297E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.139E-04	1.049E+02
PSDF	EL FOR	147	22832(2)	1.658773E+01	2.342880E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.452E+00	1.960E+02
PSDF	EL FOR	147	22832(3)	4.049721E+01	1.085124E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.342E+02	1.056E+02
PSDF	EL FOR	147	22832(5)	9.804549E-03	2.386775E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.650E-06	1.219E+02
PSDF	EL FOR	147	22832(6)	1.953860E-02	1.106885E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.494E-05	1.056E+02
PSDF	EL FOR	147	22832(8)	2.048564E-01	1.395041E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.238E-03	1.049E+02
PSDF	EL FOR	147	22832(9)	5.721765E-03	2.950638E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.814E-06	1.049E+02
PSDF	EL FOR	147	22774(2)	4.361700E+01	1.096217E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.620E+02	1.049E+02
PSDF	EL FOR	147	22774(3)	3.029498E+00	2.087027E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.014E-01	1.219E+02
PSDF	EL FOR	147	22774(5)	6.626363E-02	1.376704E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.011E-04	1.049E+02
PSDF	EL FOR	147	22774(6)	1.414793E-02	1.786643E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.857E-05	1.049E+02
PSDF	EL FOR	147	22774(8)	3.501882E-01	1.171227E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.740E-02	1.056E+02
PSDF	EL FOR	147	22774(9)	1.661907E-01	1.929317E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.673E-03	1.056E+02
PSDF	EL FOR	147	20021(2)	3.089418E+01	1.220147E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.481E+01	1.049E+02
PSDF	EL FOR	147	20021(3)	1.092173E+01	1.172060E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.643E+01	1.049E+02
PSDF	EL FOR	147	20021(5)	2.216290E-02	1.862531E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.707E-05	1.056E+02
PSDF	EL FOR	147	20021(6)	3.213895E-02	1.638776E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.137E-04	1.056E+02
PSDF	EL FOR	147	20021(8)	3.392072E-02	1.523280E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.312E-04	1.056E+02

X Y - O U T P U T S U M M A R Y (A U T O R P S D F)

PLOT TYPE	CURVE TYPE	CURVE NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX
PSDF	EL FOR	147	20021(9)	9.004071E-02	1.854851E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.081E-04	1.049E+02
PSDF	EL FOR	147	20020(2)	2.838678E+01	1.468268E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.188E+01	1.220E+02
PSDF	EL FOR	147	20020(3)	5.069262E+01	1.075058E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.691E+02	1.049E+02
PSDF	EL FOR	147	20020(5)	4.181959E-02	1.429904E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.676E-04	1.056E+02
PSDF	EL FOR	147	20020(6)	1.960474E-02	1.846292E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.759E-05	1.056E+02
PSDF	EL FOR	147	20020(8)	2.385082E-02	1.742630E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.015E-05	1.056E+02
PSDF	EL FOR	147	20020(9)	2.844438E-02	1.854115E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.560E-05	1.049E+02
PSDF	EL FOR	147	2070(2)	1.548028E+01	1.150214E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.067E+01	1.049E+02
PSDF	EL FOR	147	2070(3)	6.192772E+00	1.368857E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.299E+00	1.227E+02
PSDF	EL FOR	147	2070(5)	1.928166E-02	2.429493E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.404E-05	1.760E+02
PSDF	EL FOR	147	2070(6)	1.276104E-02	1.891958E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.053E-06	1.480E+02
PSDF	EL FOR	147	2070(8)	8.769454E-03	4.091563E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.235E-06	2.720E+02
PSDF	EL FOR	147	2070(9)	1.008094E-02	1.746401E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.601E-06	1.760E+02
PSDF	EL FOR	147	20018(2)	5.288984E+01	1.370832E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.177E+02	1.220E+02
PSDF	EL FOR	147	20018(3)	9.494836E+00	1.251316E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.408E+00	1.220E+02
PSDF	EL FOR	147	20018(5)	2.059020E-02	1.739191E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.476E-05	1.049E+02
PSDF	EL FOR	147	20018(6)	1.915124E-02	2.803204E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.216E-06	1.740E+02
PSDF	EL FOR	147	20018(8)	1.017627E-02	2.341672E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.543E-06	1.056E+02
PSDF	EL FOR	147	20018(9)	3.235111E-02	2.611994E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.911E-05	1.056E+02
PSDF	EL FOR	147	20019(2)	9.182391E+01	1.367113E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.534E+02	1.220E+02
PSDF	EL FOR	147	20019(3)	5.053830E+00	1.436418E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.609E+00	1.220E+02
PSDF	EL FOR	147	20019(5)	2.719454E-02	1.719275E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.361E-05	1.049E+02
PSDF	EL FOR	147	20019(6)	8.329540E-03	1.457443E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.376E-06	1.049E+02
PSDF	EL FOR	147	20019(8)	1.510193E-02	2.185970E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.587E-06	1.220E+02

X Y - O U T P U T S U M M A R Y (A U T O O R P S D F)

PLOT TYPE	CURVE FRAME NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX
PSDF EL FOR	147	20019(9)	2.381741E-01	1.454458E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.319E-03	1.049E+02
PSDF EL FOR	147	2049(2)	1.148291E+01	1.223551E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.406E+01	1.049E+02
PSDF EL FOR	147	2049(3)	3.635540E+01	1.380967E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.323E+02	1.220E+02
PSDF EL FOR	147	2049(5)	3.799705E-02	1.896729E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.196E-05	1.760E+02
PSDF EL FOR	147	2049(6)	2.966749E-02	1.437930E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.180E-05	1.049E+02
PSDF EL FOR	147	2049(8)	6.515304E-02	3.201276E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.905E-04	1.220E+02
PSDF EL FOR	147	2049(9)	1.094108E-02	2.282500E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.028E-05	1.220E+02
PSDF EL FOR	147	2050(2)	1.101341E+01	1.344218E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.108E+00	1.220E+02
PSDF EL FOR	147	2050(3)	1.434792E+01	1.296355E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.257E+01	1.049E+02
PSDF EL FOR	147	2050(5)	3.452658E-02	2.165011E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.462E-05	1.220E+02
PSDF EL FOR	147	2050(6)	5.941058E-02	1.378178E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.177E-04	1.220E+02
PSDF EL FOR	147	2050(8)	1.799488E-01	3.883734E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.433E-04	1.049E+02
PSDF EL FOR	147	2050(9)	9.959167E-03	4.131454E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.092E-06	1.220E+02
PSDF EL FOR	147	2051(2)	7.272857E+00	1.433817E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.013E+00	1.220E+02
PSDF EL FOR	147	2051(3)	2.956810E+00	2.582567E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.555E-01	1.480E+02
PSDF EL FOR	147	2051(5)	6.598308E-02	1.504719E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.497E-04	1.049E+02
PSDF EL FOR	147	2051(6)	5.364078E-02	1.356321E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.719E-04	1.220E+02
PSDF EL FOR	147	2051(8)	3.060411E-02	6.864533E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.263E-05	1.056E+02
PSDF EL FOR	147	2051(9)	9.152020E-03	2.192395E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.611E-06	1.049E+02
PSDF EL FOR	147	2052(2)	4.729464E+00	1.755222E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.042E+00	1.049E+02
PSDF EL FOR	147	2052(3)	3.960049E+01	1.276613E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.110E+02	1.049E+02
PSDF EL FOR	147	2052(5)	7.463974E-02	1.748945E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.913E-04	1.049E+02
PSDF EL FOR	147	2052(6)	2.289500E-02	1.964807E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.270E-05	1.049E+02
PSDF EL FOR	147	2052(8)	8.034580E-02	4.384937E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.761E-04	1.220E+02

X Y - O U T P U T S U M M A R Y (A U T C O R P S D F)

PLOT TYPE	CURVE FRAME TYPE NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX
PSDF EI FOR	147	2052(9)	1.326370E-02	1.660037E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.599E-05	1.049E+02
PSDF EI FOR	147	20024(2)	7.660763E+01	1.232574E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.019E-02	1.056E+02
PSDF EI FOR	147	20024(3)	5.598946E+00	1.516016E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.736E+00	1.049E+02
PSDF EI FOR	147	20024(5)	1.277431E-02	1.299029E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.817E-05	1.056E+02
PSDF EI FOR	147	20024(6)	3.381942E-03	1.560537E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.557E-07	1.056E+02
PSDF EI FOR	147	20024(8)	1.053554E-02	1.745098E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.420E-06	1.049E+02
PSDF EI FOR	147	20024(9)	1.157502E-01	2.566873E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.173E-04	1.220E+02
PSDF EI FOR	147	20025(2)	4.537864E+01	1.245594E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.820E+02	1.049E+02
PSDF EI FOR	147	20025(3)	3.628635E+00	2.007645E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.380E-01	1.049E+02
PSDF EI FOR	147	20025(5)	1.179648E-02	2.036652E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.972E-06	1.480E+02
PSDF EI FOR	147	20025(6)	1.355942E-02	3.235560E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.102E-06	1.480E+02
PSDF EI FOR	147	20025(8)	1.035113E-02	1.668941E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.462E-06	1.049E+02
PSDF EI FOR	147	20025(9)	2.895227E-02	2.757009E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.676E-05	1.049E+02
PSDF EI FOR	147	2226(2)	1.069283E+01	1.187205E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.383E+01	1.056E+02
PSDF EI FOR	147	2226(3)	2.416452E+00	1.347321E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.166E-01	1.056E+02
PSDF EI FOR	147	2226(5)	4.310775E-03	2.063434E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.205E-07	1.220E+02
PSDF EI FOR	147	2226(6)	1.822195E-02	1.517911E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.904E-05	1.480E+02
PSDF EI FOR	147	2226(8)	5.999404E-03	1.437906E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.271E-06	1.056E+02
PSDF EI FOR	147	2226(9)	9.012436E-03	1.835837E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.780E-06	1.219E+02
PSDF EI FOR	147	2227(2)	1.993195E+01	1.121144E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.536E+01	1.049E+02
PSDF EI FOR	147	2227(3)	2.913053E+01	1.268851E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.030E+02	1.220E+02
PSDF EI FOR	147	2227(5)	1.327504E-02	1.403911E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.285E-05	1.056E+02
PSDF EI FOR	147	2227(6)	2.087477E-02	1.465379E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.511E-05	1.480E+02
PSDF EI FOR	147	2227(8)	7.962480E-03	1.569982E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.003E-06	1.056E+02

X Y - O U T P U T S U M M A R Y (A U T O R P S D F)

PLOT TYPE	CURVE FRAME NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	YMIN FOR ALL DATA	YMAX FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX
PSDF EL FOR	147	2227(9)	6.968028E-03	1.924440E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.892E-06 1.480E+02
PSDF EL FOR	147	20023(2)	5.423180E+01	1.287991E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.572E+02 1.220E+02
PSDF EL FOR	147	20023(3)	4.316353E+01	1.097314E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.557E+02 1.056E+02
PSDF EL FOR	147	20023(5)	1.544314E-02	1.521884E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.194E-05 1.056E+02
PSDF EL FOR	147	20023(6)	1.939986E-02	1.101235E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.221E-05 1.056E+02
PSDF EL FOR	147	20023(8)	5.625840E-03	1.971139E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.091E-06 1.056E+02
PSDF EL FOR	147	20023(9)	1.185816E-01	1.675901E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.309E-03 1.480E+02
PSDF EL FOR	147	20022(2)	5.570704E+01	1.289135E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.754E+02 1.220E+02
PSDF EL FOR	147	20022(3)	1.221837E+01	1.097104E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.090E+01 1.056E+02
PSDF EL FOR	147	20022(5)	1.328779E-02	1.792076E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.073E-05 1.227E+02
PSDF EL FOR	147	20022(6)	1.993889E-02	2.461258E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.580E-05 1.220E+02
PSDF EL FOR	147	20022(8)	1.315036E-02	1.892245E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.402E-05 1.480E+02
PSDF EL FOR	147	20022(9)	1.564225E-01	1.657691E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.283E-03 1.056E+02
PSDF EL FOR	147	2092(2)	1.235744E+01	1.097688E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.003E+01 1.056E+02
PSDF EL FOR	147	2092(3)	1.350853E+01	1.383792E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.031E+01 1.220E+02
PSDF EL FOR	147	2092(5)	3.291935E-02	1.845811E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.831E-05 1.800E+02
PSDF EL FOR	147	2092(6)	1.303509E-01	1.804549E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.047E-03 1.800E+02
PSDF EL FOR	147	2092(8)	2.965347E-02	1.491118E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.583E-05 1.056E+02
PSDF EL FOR	147	2092(9)	4.943467E-02	1.820309E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.430E-04 1.800E+02
PSDF EL FOR	147	2091(2)	2.178074E+01	1.085667E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.818E+01 1.056E+02
PSDF EL FOR	147	2091(3)	5.525857E+00	2.013114E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.240E+00 1.056E+02
PSDF EL FOR	147	2091(5)	4.463796E-02	1.872536E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.922E-05 1.800E+02
PSDF EL FOR	147	2091(6)	1.384403E-01	1.768695E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.094E-03 1.800E+02
PSDF EL FOR	147	2091(8)	1.442202E-02	1.327981E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.411E-05 1.056E+02

EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)

MARCH 4, 1996 MSC/NASTRAN 8/24/94 PAGE 71

X Y - O U T P U T S U M M A R Y (A U T O O R P S D F)

PLT TYPE	CURVE FRAME TYPE	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX
PSDF	EL FOR	147	2091(9)	4.300338E-02	1.899899E+02	2.000E+03	0.000E+00	1.000E+01	1.113E-04	1.800E+02
PSDF	EL FOR	147	2090(2)	3.220732E+01	1.076490E+02	2.000E+03	0.000E+00	1.000E+01	1.495E+02	1.056E+02
PSDF	EL FOR	147	2090(3)	9.932781E+00	1.455020E+02	2.000E+03	0.000E+00	1.000E+01	9.081E+00	1.056E+02
PSDF	EL FOR	147	2090(5)	3.152829E-02	1.650130E+02	2.000E+03	0.000E+00	1.000E+01	8.338E-05	1.056E+02
PSDF	EL FOR	147	2090(6)	5.241387E-02	1.288962E+02	2.000E+03	0.000E+00	1.000E+01	2.507E-04	1.056E+02
PSDF	EL FOR	147	2090(8)	1.263232E-02	1.585761E+02	2.000E+03	0.000E+00	1.000E+01	1.687E-05	1.056E+02
PSDF	EL FOR	147	2090(9)	2.454577E-02	2.035374E-02	2.000E+03	0.000E+00	1.000E+01	3.056E-05	1.800E+02
PSDF	EL FOR	147	2089(2)	3.694316E+01	1.098834E+02	2.000E+03	0.000E+00	1.000E+01	1.906E+02	1.049E+02
PSDF	EL FOR	147	2089(3)	5.522886E+00	1.619704E+02	2.000E+03	0.000E+00	1.000E+01	2.205E+00	1.480E+02
PSDF	EL FOR	147	2089(5)	2.493991E-02	1.351289E+02	2.000E+03	0.000E+00	1.000E+01	7.286E-05	1.056E+02
PSDF	EL FOR	147	2089(6)	2.916320E-02	1.270679E+02	2.000E+03	0.000E+00	1.000E+01	8.127E-05	1.056E+02
PSDF	EL FOR	147	2089(8)	8.793139E-03	3.547799E+02	2.000E+03	0.000E+00	1.000E+01	1.749E-06	1.219E+02
PSDF	EL FOR	147	2089(9)	1.205855E-02	1.917124E+02	2.000E+03	0.000E+00	1.000E+01	5.297E-06	1.800E+02
PSDF	EL FOR	147	3266(2)	1.019700E+01	1.285188E+02	2.000E+03	0.000E+00	1.000E+01	1.369E+01	1.049E+02
PSDF	EL FOR	147	3266(3)	1.233609E+01	1.721874E+02	2.000E+03	0.000E+00	1.000E+01	8.938E+00	1.219E+02
PSDF	EL FOR	147	3266(5)	1.599283E-02	1.664189E-02	2.000E+03	0.000E+00	1.000E+01	3.207E-05	1.049E+02
PSDF	EL FOR	147	3266(6)	5.328629E-02	2.080407E+02	2.000E+03	0.000E+00	1.000E+01	2.035E-04	1.049E+02
PSDF	EL FOR	147	3266(8)	1.522144E-02	2.987646E+02	2.000E+03	0.000E+00	1.000E+01	1.728E-05	1.056E+02
PSDF	EL FOR	147	3266(9)	3.121592E-02	3.554867E+02	2.000E+03	0.000E+00	1.000E+01	3.264E-05	2.300E+02
PSDF	EL FOR	147	3268(2)	1.178708E+01	1.233288E+02	2.000E+03	0.000E+00	1.000E+01	1.816E+01	1.049E+02
PSDF	EL FOR	147	3268(3)	2.643616E+01	1.100691E+02	2.000E+03	0.000E+00	1.000E+01	9.516E+01	1.056E+02
PSDF	EL FOR	147	3268(5)	5.814625E-02	3.271002E+02	2.000E+03	0.000E+00	1.000E+01	1.114E-04	1.049E+02
PSDF	EL FOR	147	3268(6)	1.741904E-02	3.872165E+02	2.000E+03	0.000E+00	1.000E+01	6.387E-06	2.300E+02
PSDF	EL FOR	147	3268(8)	1.225244E-01	3.196926E+02	2.000E+03	0.000E+00	1.000E+01	2.716E-04	1.049E+02

X Y - O U T P U T S U M M A R Y (A U T O R 2 S D F)

PLOT TYPE	CURVE FRAME NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX
PSDF EL FOR	147	3268(9)	2.112752E-02	3.796768E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.325E-06	3.340E+02
PSDF EL FOR	147	3271(2)	1.374573E-01	1.113982E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.475E+01	1.056E+02
PSDF EL FOR	147	3271(3)	2.774779E-01	1.477596E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.630E+01	1.220E+02
PSDF EL FOR	147	3271(5)	1.683636E-02	2.517881E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.854E-05	1.049E+02
PSDF EL FOR	147	3271(6)	3.818888E-02	3.233727E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.147E-04	1.049E+02
PSDF EL FOR	147	3271(8)	4.269031E-02	2.050214E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.147E-04	1.049E+02
PSDF EL FOR	147	3271(9)	2.049500E-01	2.925600E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.456E-03	1.049E+02
PSDF EL FOR	147	3273(2)	2.143354E-01	1.158763E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.148E+01	1.049E+02
PSDF EL FOR	147	3273(3)	4.273202E+01	1.233937E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.556E+02	1.056E+02
PSDF EL FOR	147	3273(5)	7.176875E-02	2.649515E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.125E-04	1.049E+02
PSDF EL FOR	147	3273(6)	5.135899E-02	1.303585E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.734E-04	1.049E+02
PSDF EL FOR	147	3273(8)	4.969528E-02	3.942786E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.988E-05	1.049E+02
PSDF EL FOR	147	3273(9)	9.378377E-02	1.429774E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.189E-03	1.049E+02
PSDF EL FOR	147	26422(2)	3.344093E+01	1.090049E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.599E+02	1.056E+02
PSDF EL FOR	147	26422(3)	5.284907E+00	1.463190E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.358E+00	1.220E+02
PSDF EL FOR	147	26422(5)	1.477151E-02	1.918388E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.274E-06	1.760E+02
PSDF EL FOR	147	26422(6)	4.976597E-02	1.859707E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.125E-04	1.760E+02
PSDF EL FOR	147	26422(8)	2.148537E-02	1.395434E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.673E-05	1.056E+02
PSDF EL FOR	147	26422(9)	2.531908E-02	2.581620E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.715E-05	1.760E+02

EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GR/S)

MARCH 7, 1996 MSC/NASTRAN 8/24/94 PAGE 77

Y AXIS PSD RESPONSE

X Y - C U T P U T S U M M A R Y (A U T C O R P S D F)										
PLOT TYPE	CURVE FRAME NO.	CURVE ID.	RMS VALJE	NO. POSITIVE CROSSINGS	XMN FOR ALL DATA	XMAX FOR ALL DATA	YMN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX
PSDF EL FOR	0	22894(2)	5.490726E+02	1.268054E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.634E+04	1.220E+02
PSDF EL FOR	0	22895(2)	1.263277E+02	1.352166E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.084E+03	1.049E+02
PSDF EL FOR	0	22896(2)	4.358937E+02	1.208544E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.273E+04	1.056E+02
PSDF EL FOR	0	22897(2)	5.506443E+02	1.253141E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.504E+04	1.220E+02
PSDF EL FOR	0	22898(2)	1.553138E+02	1.277084E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.840E+03	1.220E+02
PSDF EL FOR	0	22899(2)	7.029054E+01	1.418818E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.313E+02	1.220E+02
PSDF EL FOR	0	22900(2)	6.544466E+01	1.629411E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.416E+02	1.220E+02
PSDF EL FOR	0	22901(2)	1.673584E+02	1.340185E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.401E+03	1.227E+02
PSDF EL FOR	0	22902(2)	3.360089E+02	1.358640E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.291E+04	1.220E+02
PSDF EL FOR	0	22903(2)	3.426757E+02	1.234575E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.631E+04	1.049E+02
PSDF EL FOR	0	22904(2)	4.824824E+02	1.264700E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.750E+04	1.220E+02

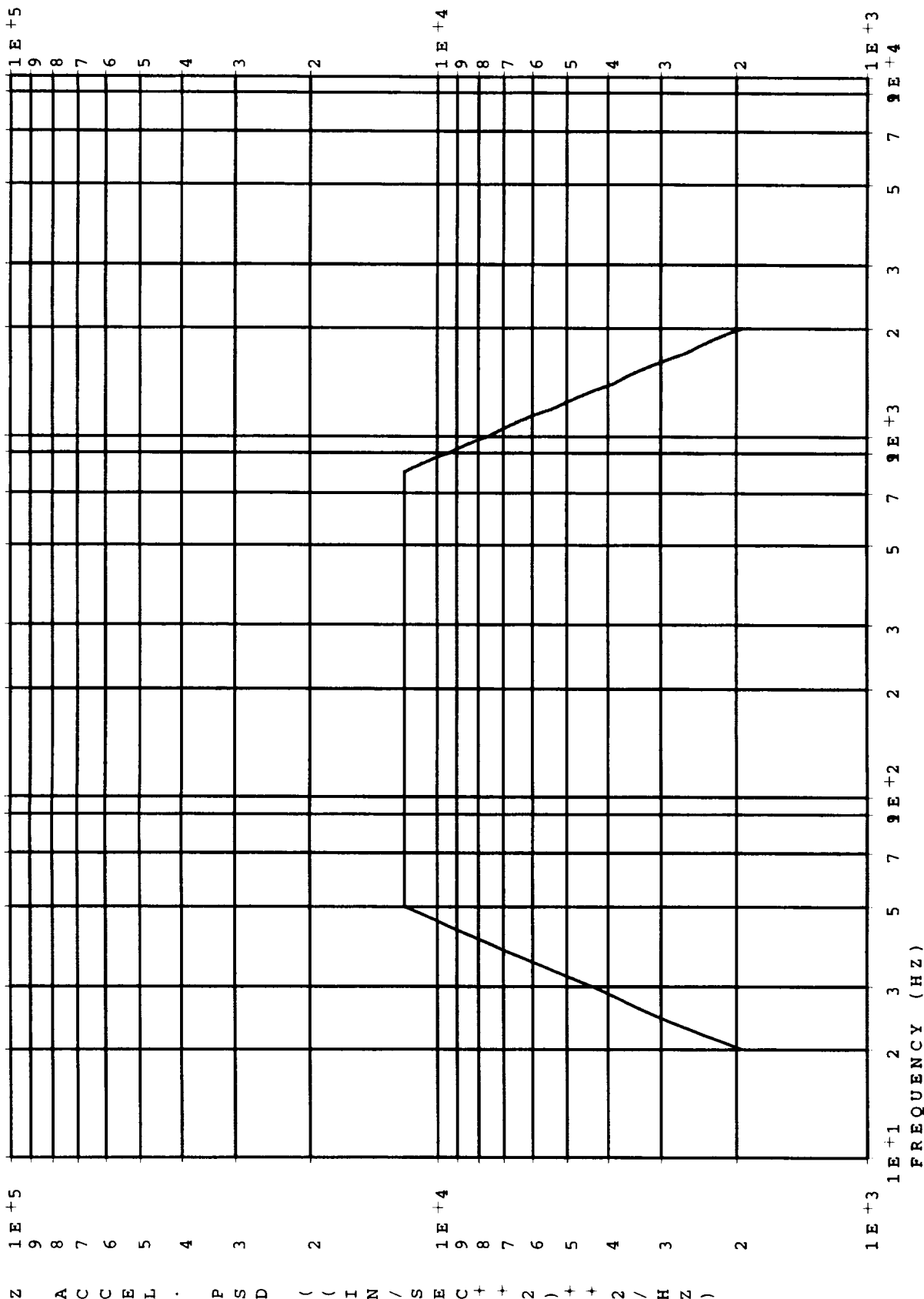
Z AXIS OUTPUT

ACCELERATION RESPONSE PLOTS

128

3 / 5 / 96

128

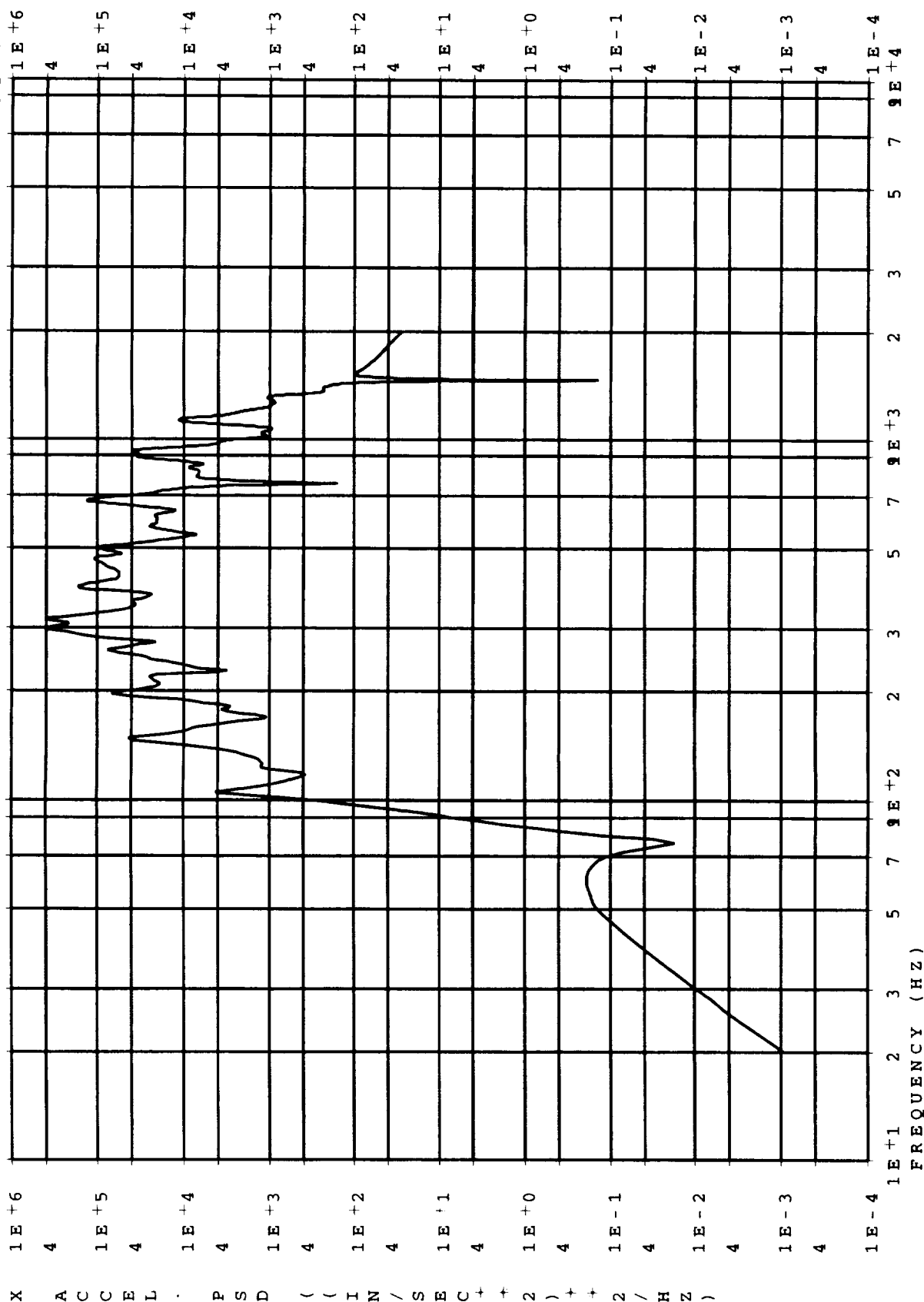


EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)
Z AXIS PSD RESPONSE

27

3 / 5 / 96

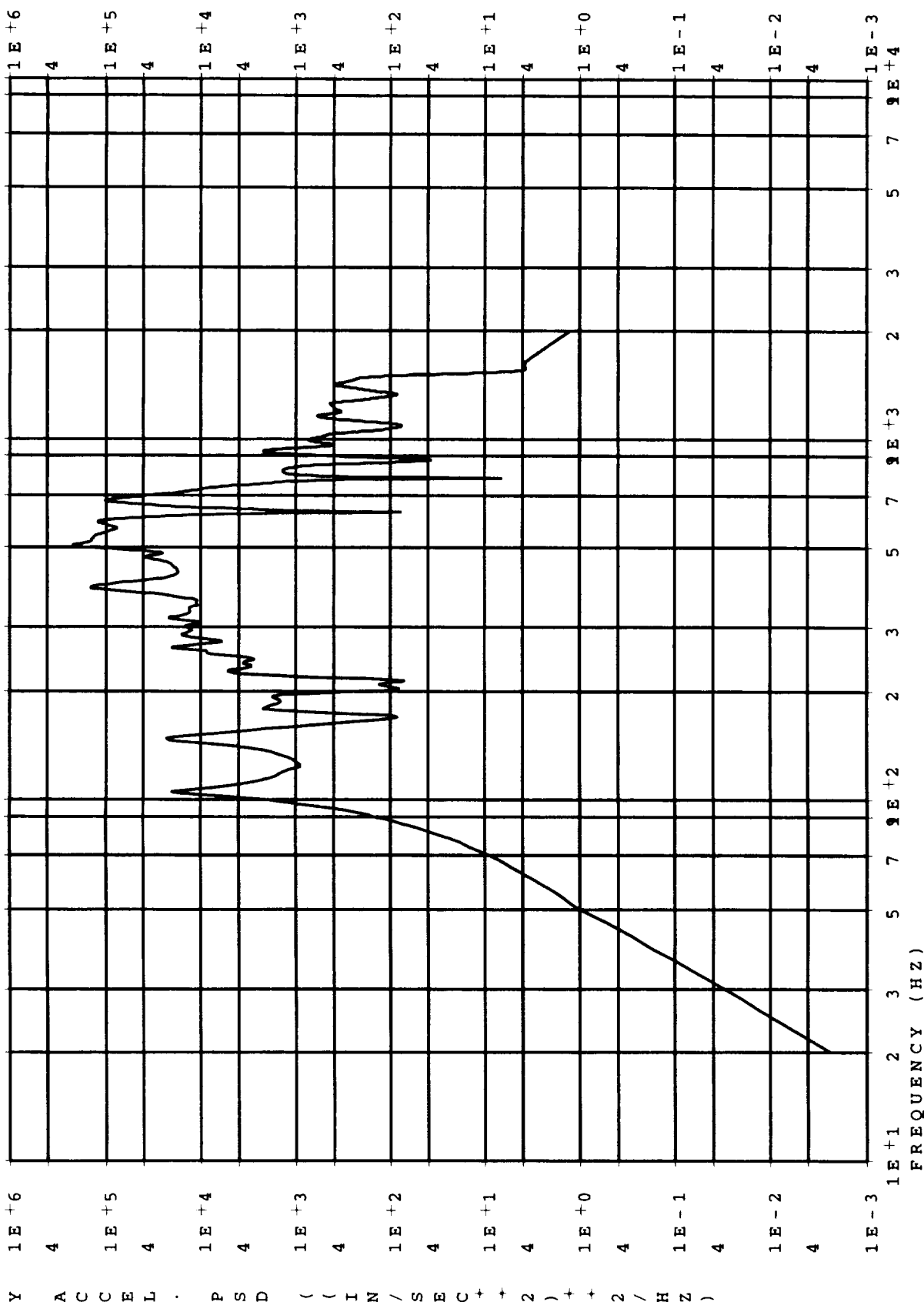
27

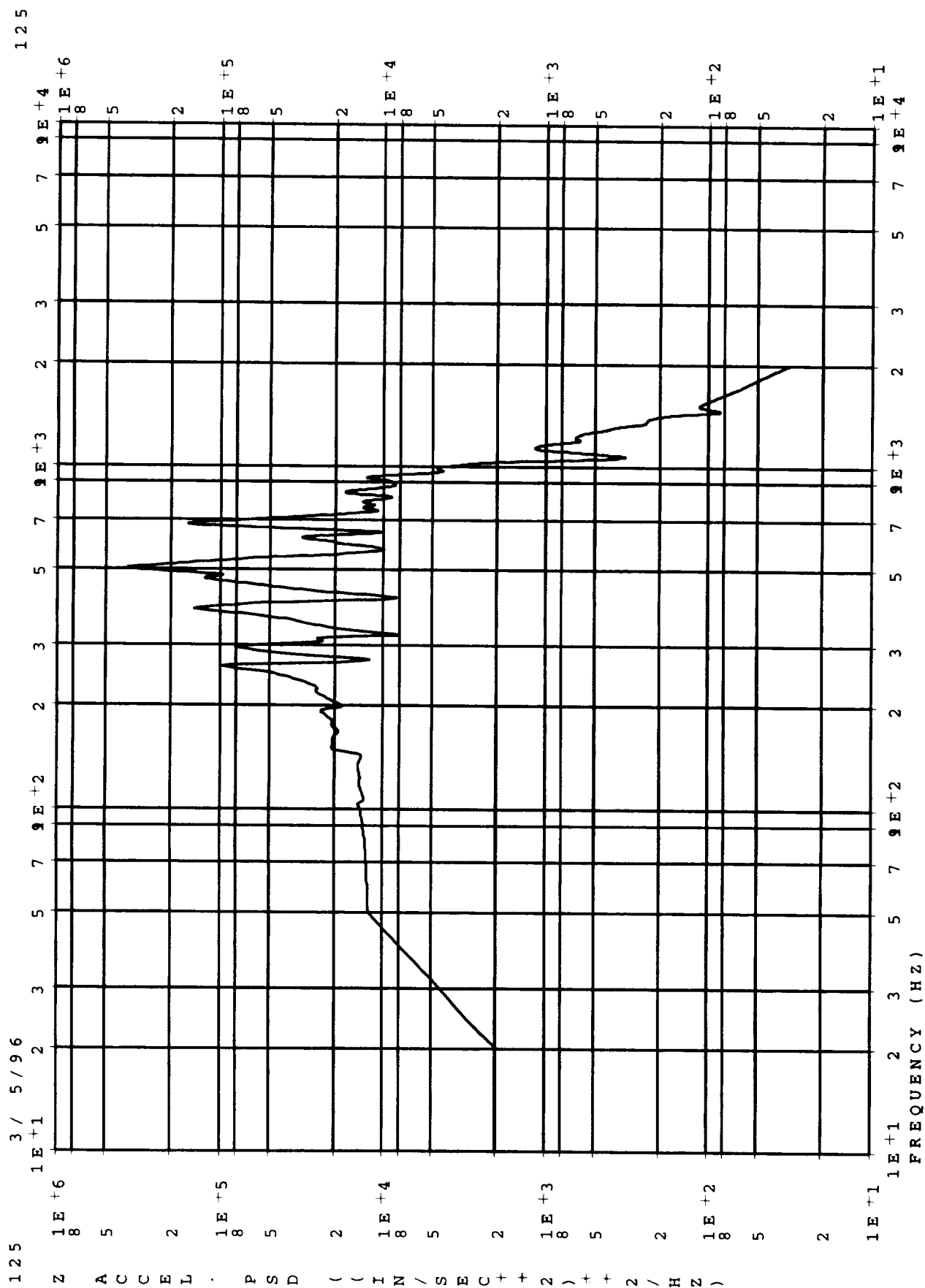


7 6

3 / 5 / 96

7 6



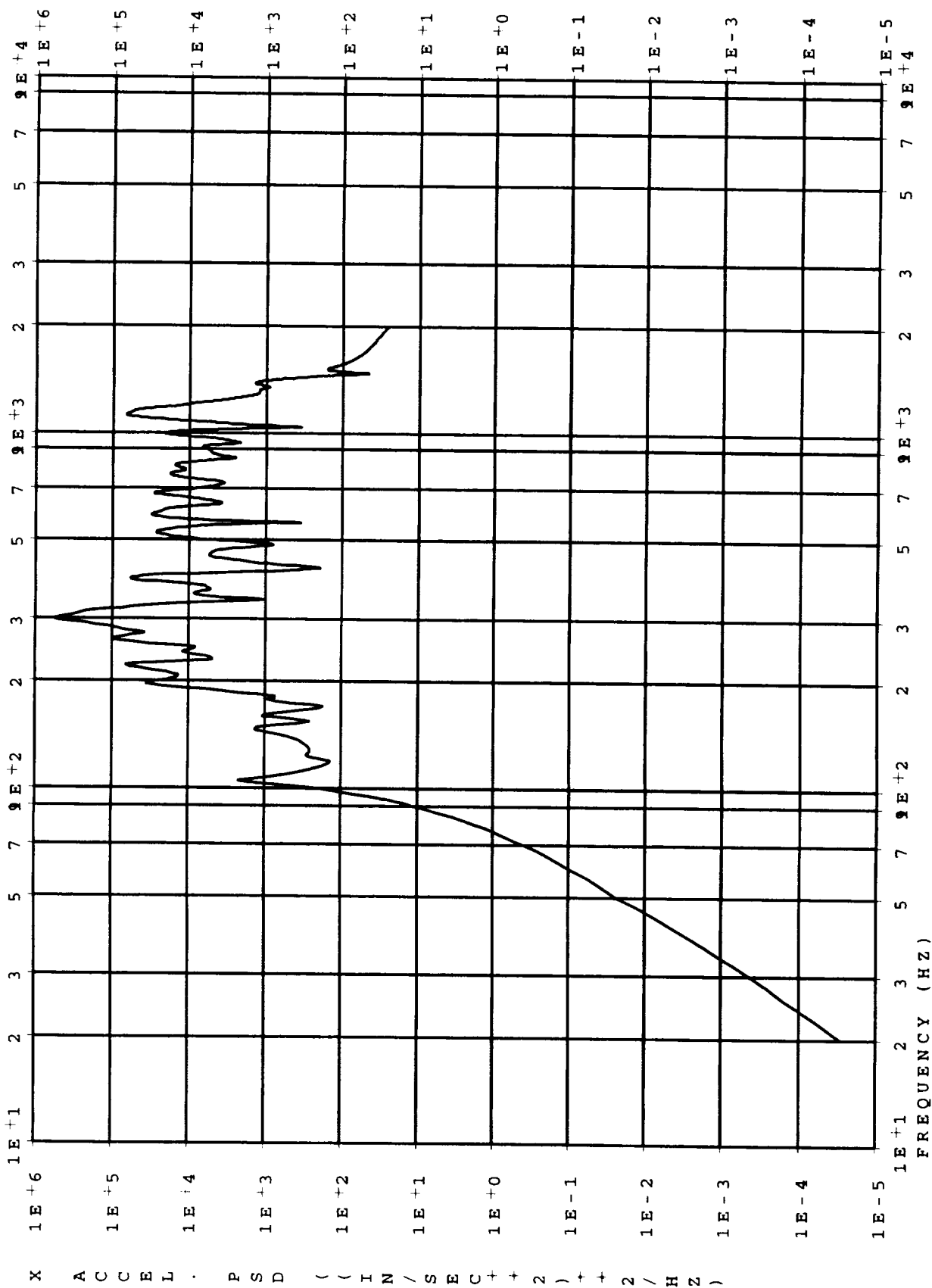


EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)
Z AXIS PSD RESPONSE

3 2

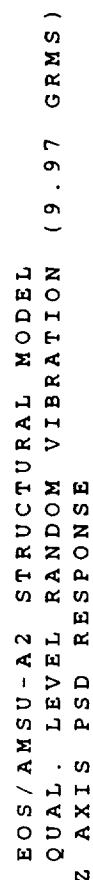
3 / 5 / 96

3 2



EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)
Z AXIS PSD RESPONSE

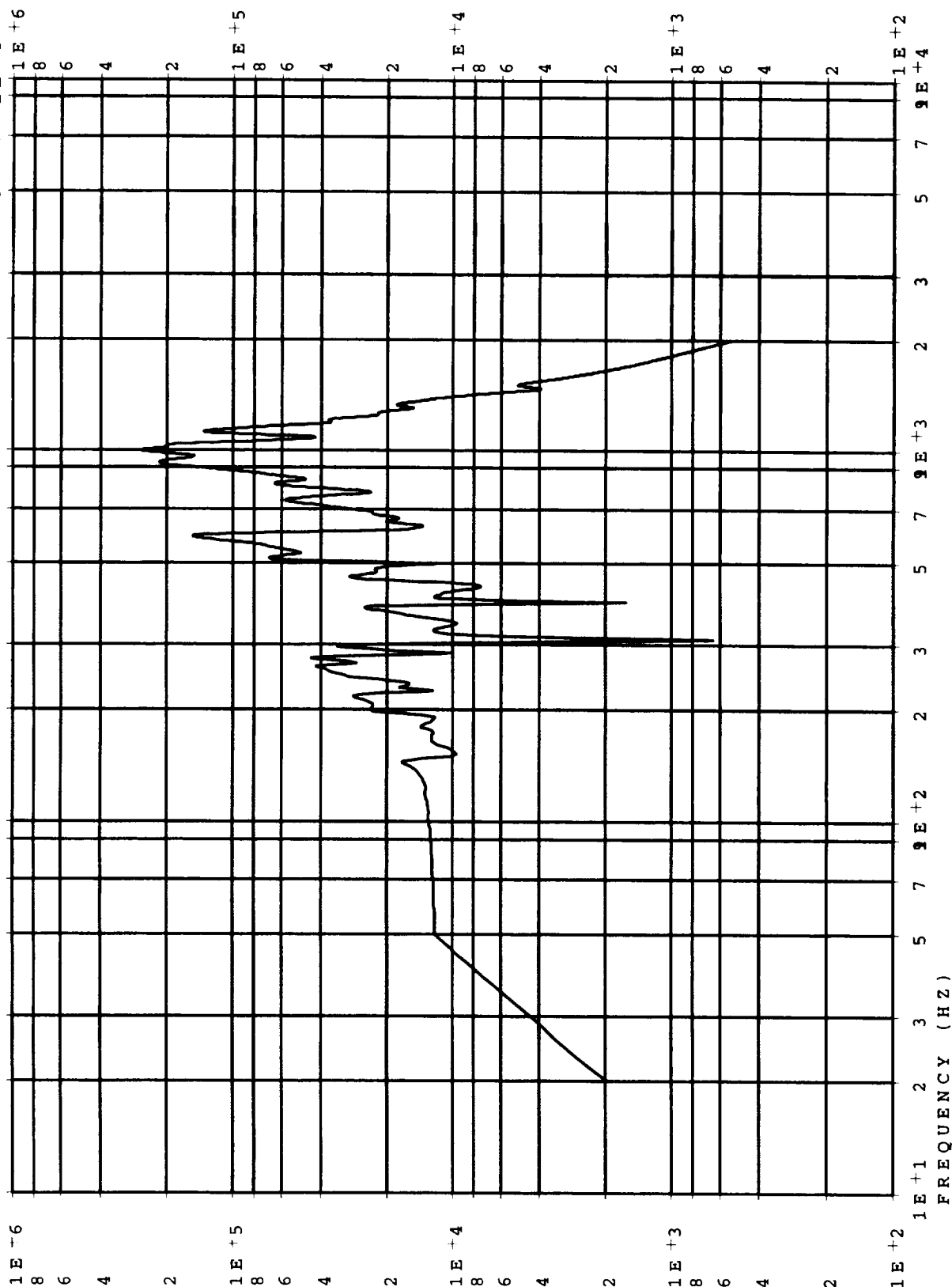
81



130

3 / 5 / 96

130



2 1E-6 8 6 4 2 1E-5 8 6 4 2 1E-4 8 6 4 2 1E-3 8 6 4 2 1E-2 8 6 4 2 1E-1 8 6 4 2 1E+0 8 6 4 2 1E+1 8 6 4 2 1E+2 8 6 4 2 1E+3 8 6 4 2 1E+4 8 6 4 2 1E+5 8 6 4 2 1E+6 8 6 4 2

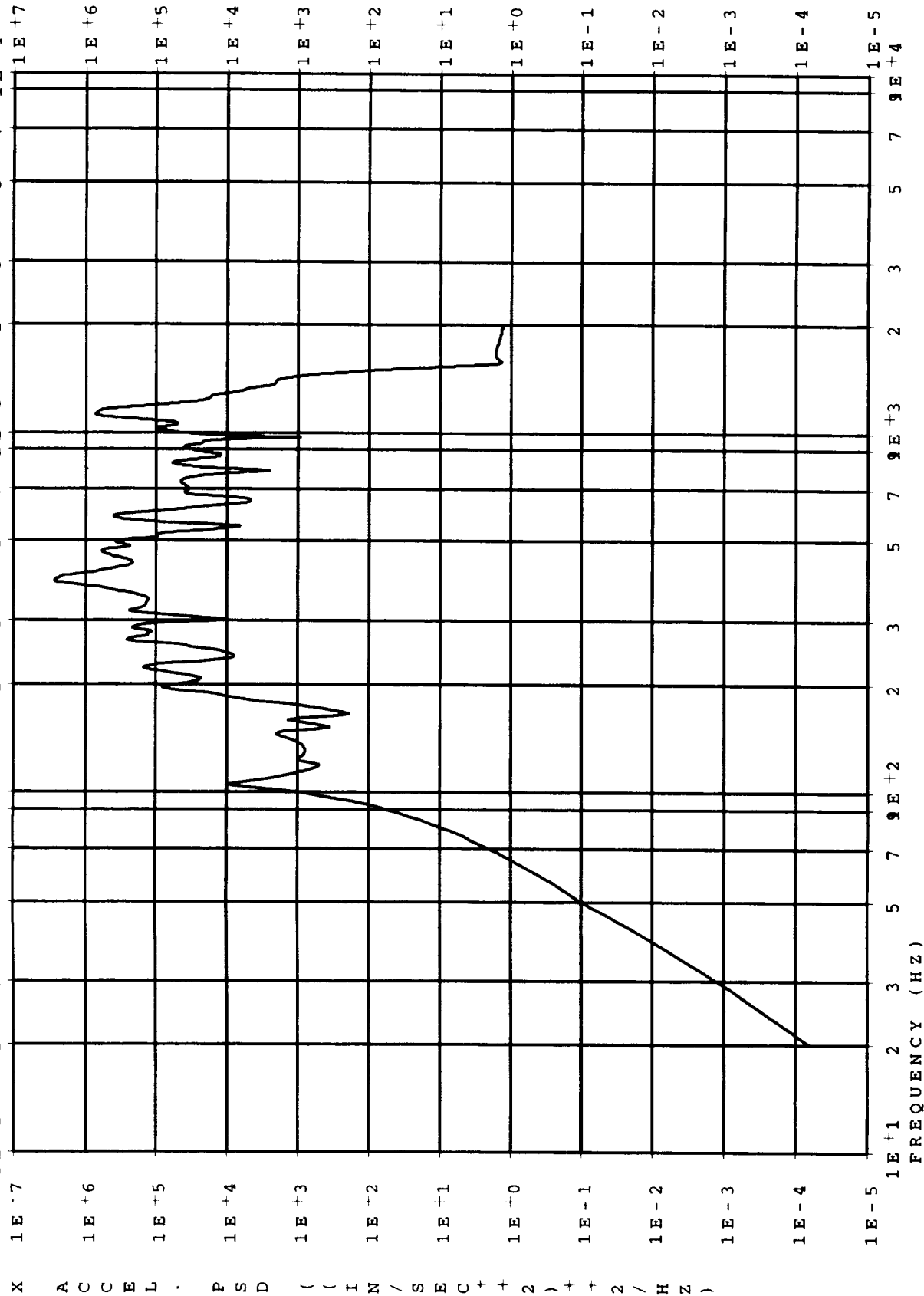
C-181

EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)
Z AXIS PSD RESPONSE

34

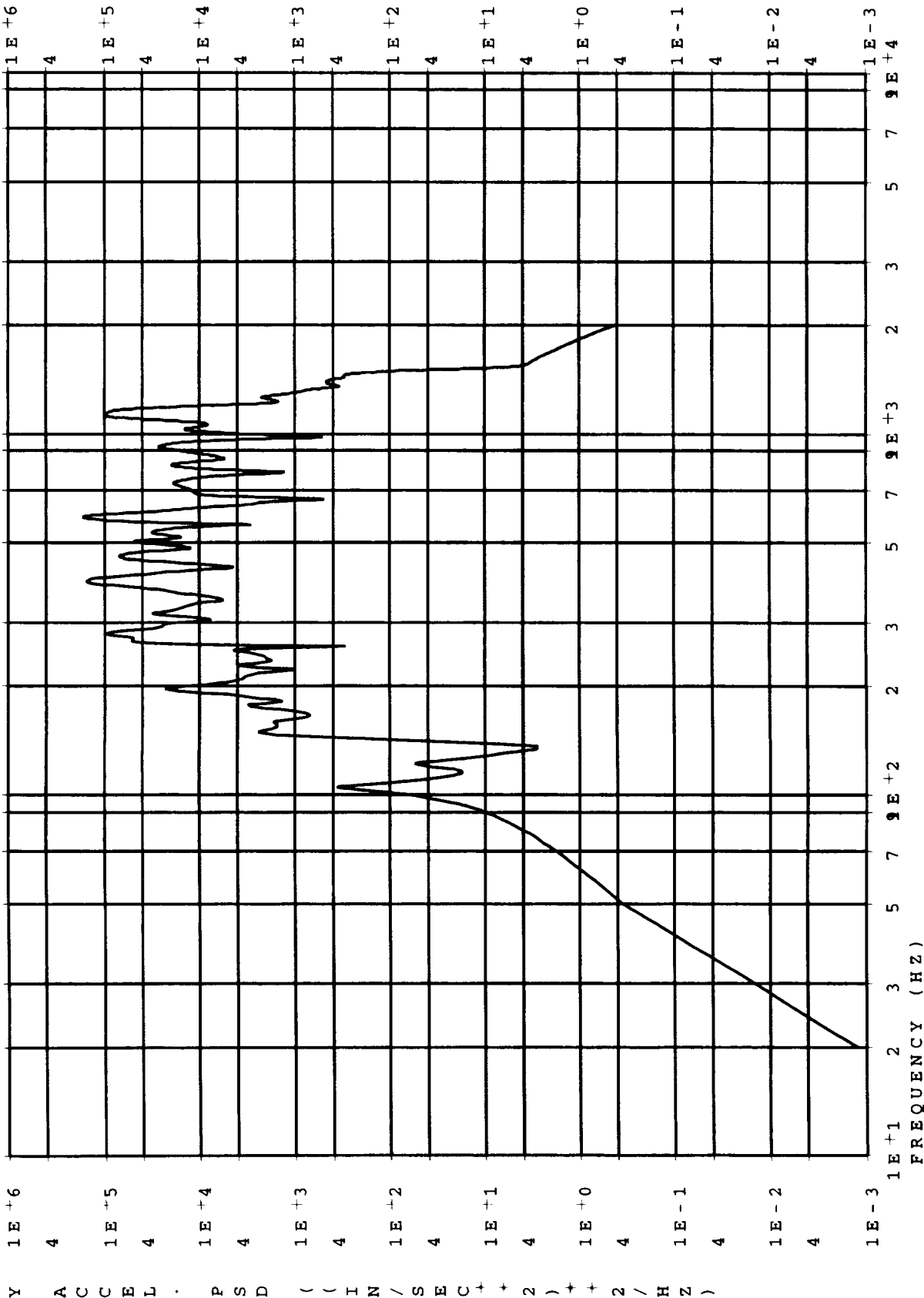
3 / 5 / 96

34



EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)
Z AXIS PSD RESPONSE

8 3 3 / 5 / 9 6 8 3



EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)
Z AXIS PSD RESPONSE

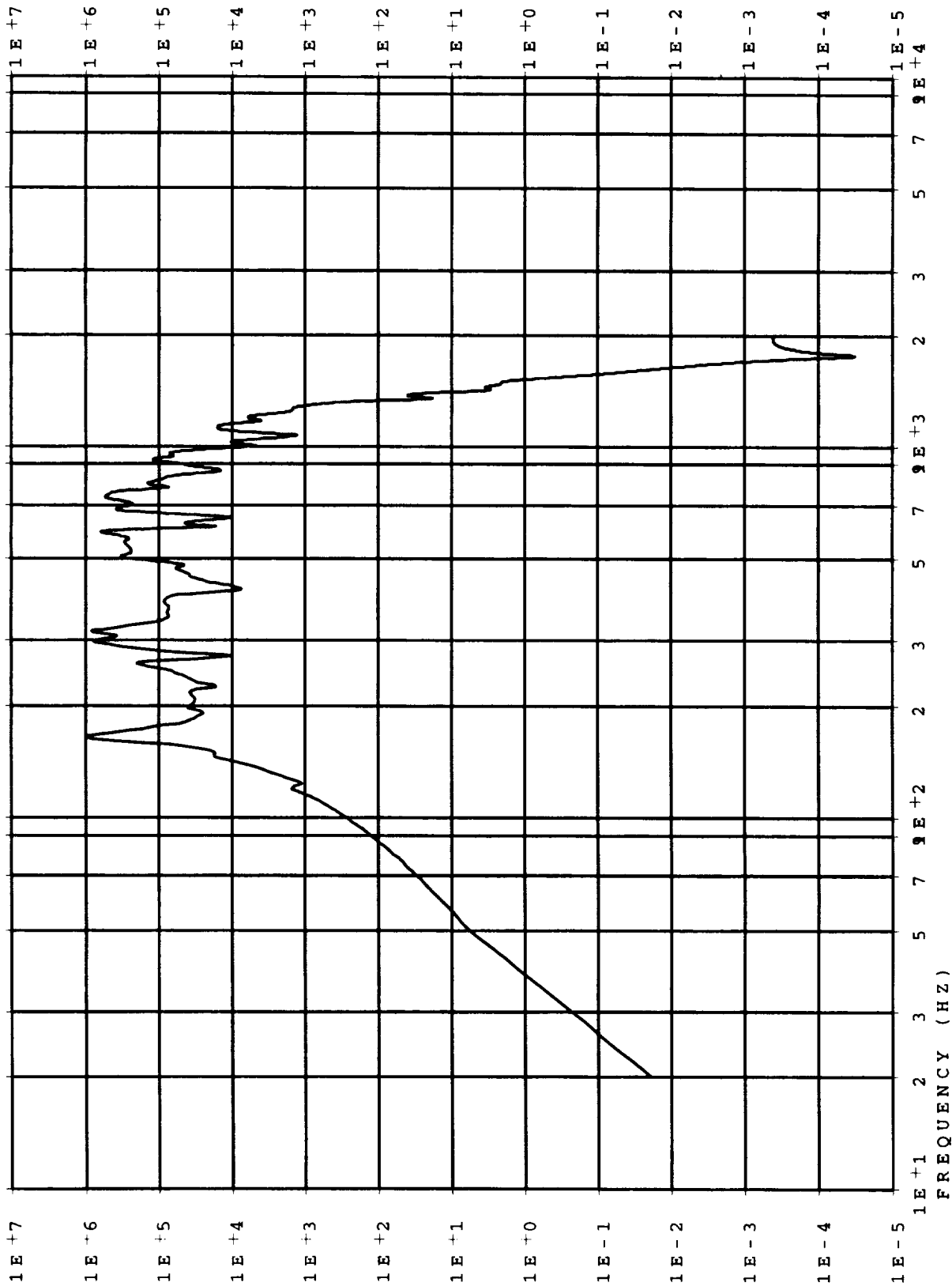


EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)
Z AXIS PSD RESPONSE

3 7

3 / 5 / 96

3 7



X
A
C
C
E
L
.
P
S
D
(
(
I
N
/
S
E
C
+
+
2
)
+
+
2
/
H
Z
)

C-185

EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)
Z AXIS PSD RESPONSE

INTENTIONALLY LEFT BLANK

Z AXIS PSD RESPONSE

X Y - O U T P U T S U M M A R Y (A U T C O R P S D F)										
PLOT TYPE	CURVE FRAME NC.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FCR YMIN	YMAX FOR ALL DATA	X FOR* YMAX
PSDF ACCE	1	2201(3)	2.486489E+03	4.144984E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.607E+05	3.000E+02
PSDF ACCE	2	2660(3)	5.121833E+03	4.993525E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.602E+05	5.040E+02
PSDF ACCE	3	2648(3)	3.750403E+03	5.040134E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.841E+05	5.040E+02
PSDF ACCE	4	2650(3)	3.590755E+03	5.028841E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.512E+05	5.040E+02
PSDF ACCE	5	2658(3)	5.254039E+03	4.968260E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.705E+05	5.040E+02
PSDF ACCE	6	2200(3)	2.483013E+03	4.137881E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.605E+05	3.000E+02
PSDF ACCE	7	2205(3)	2.717188E+03	6.131974E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	8.348E+04	3.000E+02
PSDF ACCE	8	2206(3)	2.728872E+03	6.155660E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	8.364E+04	3.000E+02
PSDF ACCE	9	2196(3)	3.005550E+03	3.881917E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.604E+05	3.000E+02
PSDF ACCE	10	1890(3)	4.064945E+03	6.156584E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	9.981E+04	5.060E+02
PSDF ACCE	11	2197(3)	3.002172E+03	3.879075E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.593E+05	3.000E+02
PSDF ACCE	12	3053(3)	7.655313E+03	5.996583E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.132E+06	2.220E+02
PSDF ACCE	13	1885(3)	3.990950E+03	6.157878E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	9.672E+04	5.060E+02
PSDF ACCE	14	1886(3)	3.968417E+03	6.155868E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	9.661E+04	5.060E+02
PSDF ACCE	15	1887(3)	4.011004E+03	6.159156E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	9.746E+04	5.060E+02
PSDF ACCE	16	1888(3)	4.019034E+03	6.161974E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	9.773E+04	5.060E+02
PSDF ACCE	17	3037(3)	7.836787E+03	6.684412E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.405E+05	6.800E+02
PSDF ACCE	18	3038(3)	8.808399E+03	6.666843E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	5.793E+05	6.800E+02
PSDF ACCE	19	3039(3)	1.046570E+04	6.824417E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	8.993E+05	6.800E+02
PSDF ACCE	20	3040(3)	1.066788E+04	6.906706E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.003E+06	6.800E+02
PSDF ACCE	21	3041(3)	9.753347E+03	6.951940E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	8.925E+05	6.800E+02
PSDF ACCE	22	3042(3)	1.001136E+04	7.098195E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	9.152E+05	6.800E+02
PSDF ACCE	23	3043(3)	9.481853E+03	7.112019E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.683E+05	6.800E+02
PSDF ACCE	24	3044(3)	8.084031E+03	6.911212E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	5.045E+05	6.800E+02

EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (5.97 GRMS)

MARCH 5, 1996 MSC/NASTRAN 8/24/94 PAGE 87

2 AXIS PSD RESPONSE

XY-OUTPUT SUMMARY (AUTO RPSDF)

PLOT TYPE	CURVE TYPE	FRAME NC.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX
PSDF	ACCE	25	2097(3)	7.480215E+03	7.148622E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	9.274E+05	5.140E+02
PSDF	ACCE	26	2098(3)	1.082612E+04	6.017748E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.820E+06	5.180E+02
PSDF	ACCE	27	2173(3)	6.374755E+03	5.178210E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.030E+05	2.980E+02
PSDF	ACCE	28	2202(3)	2.490654E+03	4.155196E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.609E+05	3.000E+02
PSDF	ACCE	29	2204(3)	2.711945E+03	6.132356E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	8.332E+04	3.000E+02
PSDF	ACCE	30	2400(3)	5.186056E-05	8.660209E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.237E-11	6.560E+02
PSDF	ACCE	31	2135(3)	3.798003E+03	5.129752E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.378E+05	3.860E+02
PSDF	ACCE	32	2086(3)	5.198610E+03	6.642695E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	5.442E+05	3.000E+02
PSDF	ACCE	33	2090(3)	5.135965E+03	6.506110E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	5.396E+05	3.000E+02
PSDF	ACCE	34	2441(3)	1.456555E+04	7.159952E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.712E+06	3.880E+02
PSDF	ACCE	35	22644(3)	1.160775E+04	3.191598E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.672E+06	1.480E+02
PSDF	ACCE	36	22632(3)	1.080084E+04	4.144099E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.817E+06	2.220E+02
PSDF	ACCE	37	26206(3)	1.175412E+04	5.937442E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.007E+06	1.660E+02
PSDF	ACCE	38	2122(3)	2.260860E+03	7.617664E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.718E+04	2.660E+02
PSDF	ACCE	39	27155(3)	9.906611E+03	3.916028E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.429E+06	2.760E+02
PSDF	ACCE	40	27156(3)	1.003833E+04	4.337447E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.379E+06	2.980E+02
PSDF	ACCE	41	27157(3)	1.326517E+04	3.108145E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.665E+06	2.720E+02
PSDF	ACCE	42	27158(3)	1.363930E+04	9.810840E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.303E+06	5.220E+02
PSDF	ACCE	43	27159(3)	1.393613E+04	6.612423E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.196E+06	5.180E+02
PSDF	ACCE	44	27160(3)	1.193957E+04	7.611246E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.555E+06	5.200E+02
PSDF	ACCE	45	27161(3)	8.932497E+03	8.378549E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	5.807E+05	5.160E+02
PSDF	ACCE	46	27162(3)	1.362398E+04	7.235627E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.860E+06	2.720E+02
PSDF	ACCE	47	27163(3)	2.238691E+04	9.763021E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.542E+06	5.180E+02
PSDF	ACCE	48	27164(3)	3.610687E+04	9.896984E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.332E+07	1.020E+03

Z AXIS PSD RESPONSE

X Y - O U T P U T S U M M A R Y (A J T O R P S D F)

PLOT TYPE	CURVE TYPE	FRAME NO.	CURVE ID.	RMS VALUE	NC. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	YMAX FOR ALL DATA	X FOR YMIN	X FOR YMAX
PSDF	ACCE	49	27165(3)	1.849202E+04	1.090340E+03	1.000E-01	2.000E+03	0.000E+00	3.069E+06	1.000E+01	1.170E+03
PSDF	ACCE	50	2201(4)	2.234658E+03	5.501860E+02	1.000E+01	2.000E+03	0.000E+00	4.933E+04	1.000E+01	2.840E+02
PSDF	ACCE	51	2660(4)	3.390180E+03	5.026910E+02	1.000E-01	2.000E+03	0.000E+00	1.410E+05	1.000E+01	5.060E+02
PSDF	ACCE	52	2648(4)	3.418959E+03	4.995028E+02	1.000E+01	2.000E+03	0.000E+00	1.442E+05	1.000E+01	5.060E+02
PSDF	ACCE	53	2650(4)	3.117145E+03	4.887356E+02	1.000E-01	2.000E+03	0.000E+00	1.329E+05	1.000E+01	3.860E+02
PSDF	ACCE	54	2658(4)	3.125163E+03	4.921016E+02	1.000E-01	2.000E+03	0.000E+00	1.324E+05	1.000E+01	3.860E+02
PSDF	ACCE	55	2200(4)	2.293486E+03	5.708869E+02	1.000E-01	2.000E+03	0.000E+00	5.470E+04	1.000E+01	2.840E+02
PSDF	ACCE	56	2205(4)	2.238640E+03	5.485433E+02	1.000E-01	2.000E+03	0.000E+00	4.936E+04	1.000E+01	2.840E+02
PSDF	ACCE	57	2206(4)	2.397978E+03	5.571607E+02	1.000E-01	2.000E+03	0.000E+00	4.977E+04	1.000E+01	3.840E+02
PSDF	ACCE	58	2196(4)	2.311932E+03	5.767664E+02	1.000E-01	2.000E+03	0.000E+00	5.470E+04	1.000E+01	2.840E+02
PSDF	ACCE	59	1890(4)	4.489689E+03	7.707916E+02	1.000E-01	2.000E+03	0.000E+00	1.554E+05	1.000E+01	5.080E+02
PSDF	ACCE	60	2197(4)	2.233621E+03	5.515474E+02	1.000E-01	2.000E+03	0.000E+00	4.940E+04	1.000E+01	2.840E+02
PSDF	ACCE	61	3053(4)	1.032112E+04	9.078621E+02	1.000E+01	2.000E+03	0.000E+00	1.061E+06	1.000E+01	9.840E+02
PSDF	ACCE	62	1885(4)	5.604045E+03	4.302565E+02	1.000E-01	2.000E+03	0.000E+00	4.851E+05	1.000E+01	3.840E+02
PSDF	ACCE	63	1886(4)	5.111072E+03	4.212470E+02	1.000E-01	2.000E+03	0.000E+00	4.278E+05	1.000E+01	3.860E+02
PSDF	ACCE	64	1887(4)	2.668878E+03	4.946534E+02	1.000E-01	2.000E+03	0.000E+00	8.832E+04	1.000E+01	3.860E+02
PSDF	ACCE	65	1888(4)	2.821283E+03	5.281319E+02	1.000E-01	2.000E+03	0.000E+00	6.377E+04	1.000E+01	3.860E+02
PSDF	ACCE	66	3037(4)	3.228170E+03	5.359505E+02	1.000E-01	2.000E+03	0.000E+00	1.032E+05	1.000E+01	5.080E+02
PSDF	ACCE	67	3038(4)	3.137660E+03	5.358495E+02	1.000E-01	2.000E+03	0.000E+00	9.913E+04	1.000E+01	5.080E+02
PSDF	ACCE	68	3039(4)	2.915233E+03	5.382197E+02	1.000E-01	2.000E+03	0.000E+00	8.716E+04	1.000E+01	5.080E+02
PSDF	ACCE	69	3040(4)	2.636455E+03	5.392709E+02	1.000E-01	2.000E+03	0.000E+00	7.317E+04	1.000E+01	5.080E+02
PSDF	ACCE	70	3041(4)	2.496648E+03	5.367654E+02	1.000E-01	2.000E+03	0.000E+00	6.619E+04	1.000E+01	5.080E+02
PSDF	ACCE	71	3042(4)	2.579203E+03	5.352398E+02	1.000E-01	2.000E+03	0.000E+00	6.943E+04	1.000E+01	5.080E+02
PSDF	ACCE	72	3043(4)	2.876633E+03	5.363656E+02	1.000E-01	2.000E+03	0.000E+00	8.426E+04	1.000E+01	5.080E+02

EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)

MARCH 5, 1996 MSC/NASTRAN 8/24/94 PAGE 89

Z AXIS PSD RESPONSE

XY-OUTPUT SUMMARY (AUTORPSDF)

PLOT TYPE	CURVE FRAME TYPE NO.	CURVE ID.	RMS VALUE	NC. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX	
PSDF	ACCE	73	3044(4)	3.125946E+03	5.367418E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.670E+04	5.080E+02
PSDF	ACCE	74	2097(4)	2.108622E+03	7.420302E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.978E+04	2.820E+02
PSDF	ACCE	75	2098(4)	2.055682E+03	7.286669E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.723E-04	2.820E+02
PSDF	ACCE	76	2173(4)	5.009296E+03	5.385261E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.214E-05	5.080E+02
PSDF	ACCE	77	2202(4)	2.350025E+03	5.629431E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.840E+04	3.840E+02
PSDF	ACCE	78	2204(4)	2.301642E+03	5.680089E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	5.493E+04	2.840E+02
PSDF	ACCE	79	2400(4)	4.378607E-05	8.570110E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.523E-11	4.420E+02
PSDF	ACCE	80	2135(4)	3.333150E+03	6.230702E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	8.432E+04	3.860E+02
PSDF	ACCE	81	2086(4)	3.313313E+03	5.939653E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	8.487E+04	5.880E+02
PSDF	ACCE	82	2090(4)	3.268021E+03	6.352771E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	8.205E+04	3.840E+02
PSDF	ACCE	83	2441(4)	5.274857E+03	7.734953E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.667E+05	5.880E+02
PSDF	ACCE	84	22644(4)	2.920382E+03	4.039573E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.241E-05	2.640E+02
PSDF	ACCE	85	22632(4)	3.064843E+03	6.301949E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	5.763E-04	5.060E+02
PSDF	ACCE	86	26206(4)	1.414969E+04	6.257010E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.335E+06	6.760E+02
PSDF	ACCE	87	2122(4)	4.592154E+03	2.351597E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	6.312E+05	1.820E+02
PSDF	ACCE	88	27155(4)	2.143083E+03	7.710423E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.610E+04	2.980E+02
PSDF	ACCE	89	27156(4)	2.202569E+03	7.887997E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.609E+04	2.980E+02
PSDF	ACCE	90	27157(4)	2.137761E+03	7.735148E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.435E-04	2.980E+02
PSDF	ACCE	91	27158(4)	2.060812E+03	7.434865E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.453E+04	2.980E+02
PSDF	ACCE	92	27159(4)	2.099490E+03	7.519368E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.641E+04	2.820E+02
PSDF	ACCE	93	27160(4)	2.123773E+03	7.619222E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.649E-04	2.820E+02
PSDF	ACCE	94	27161(4)	2.125851E+03	7.564741E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.778E-04	2.820E+02
PSDF	ACCE	95	27162(4)	2.119475E+03	7.557230E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.751E+04	2.820E+02
PSDF	ACCE	96	27163(4)	2.059986E+03	6.623544E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	5.160E+04	2.820E+02

Z AXIS PSD RESPONSE

XY - O U T P U T S U M M A R Y (A U T O O R P S D F)

PLT	CURVE	FRAME	TYPE	NC.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FCR YMIN	YMAX FOR ALL DATA	X FOR* YMAX
PSDF	ACCE	97			27-64(4)	2.116670E+03	6.813931E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.331E+04	2.820E+02
PSDF	ACCE	98			27-65(4)	2.154803E+03	6.858945E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.523E+04	2.820E+02
PSDF	ACCE	99			2201(5)	1.583620E+04	4.238760E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.377E+06	2.780E+02
PSDF	ACCE	100			2660(5)	1.313494E+04	3.759679E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.993E+06	2.620E+02
PSDF	ACCE	101			2645(5)	1.130162E+04	5.224868E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.021E+06	4.000E+02
PSDF	ACCE	102			2650(5)	1.077363E+04	5.118939E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.105E+06	4.000E+02
PSDF	ACCE	103			2658(5)	2.023392E+04	2.944314E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.853E+07	2.620E+02
PSDF	ACCE	104			2200(5)	1.026325E+04	4.032567E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.296E+06	2.780E+02
PSDF	ACCE	105			2205(5)	1.178927E+04	5.849197E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.893E+06	2.780E+02
PSDF	ACCE	106			2206(5)	1.097869E+04	5.345986E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.332E+06	6.000E+02
PSDF	ACCE	107			2196(5)	1.200376E+04	4.151948E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.129E+06	2.780E+02
PSDF	ACCE	108			1890(5)	9.539696E+03	8.652089E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.025E+05	5.040E+02
PSDF	ACCE	109			2197(5)	1.112703E+04	4.110295E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.313E+06	2.780E+02
PSDF	ACCE	110			3053(5)	1.381293E+04	7.026930E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.316E+05	6.780E+02
PSDF	ACCE	111			1885(5)	8.304325E+03	4.470699E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.593E+05	2.980E+02
PSDF	ACCE	112			1886(5)	7.912694E+03	4.459425E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.053E+05	2.980E+02
PSDF	ACCE	113			1887(5)	6.043113E+03	4.788506E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.777E+05	5.060E+02
PSDF	ACCE	114			1888(5)	5.957315E+03	4.877214E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.671E+05	5.060E+02
PSDF	ACCE	115			3037(5)	6.181524E+03	5.294336E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.663E+05	5.040E+02
PSDF	ACCE	116			3038(5)	6.168991E+03	5.302242E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.477E+05	5.040E+02
PSDF	ACCE	117			3039(5)	6.167375E+03	5.303579E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.403E+05	5.040E+02
PSDF	ACCE	118			3040(5)	6.158686E+03	5.286160E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.424E+05	5.040E+02
PSDF	ACCE	119			3041(5)	6.150209E+03	5.238823E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.738E+05	5.040E+02
PSDF	ACCE	120			3042(5)	6.181330E+03	5.237979E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.934E+05	5.040E+02

ECS/AMSC-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)

MARCH 5, 1996 KSC/NASTRAN 8/24/94 PAGE 91

Z AXIS PSD RESPONSE

X Y - O U T P U T S U M M A R Y (A U T O R P S D F)										
PLOT TYPE	CURVE FRAVE NC.	CURVE ID.	RMS VALJE	NO. POSITIVE CROSSINGS	XMIN FCR ALL DATA	XMAX FCR ALL DATA	YMIN FCR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX
PSDF ACCE	121	3043(5)	6.196487E+03	5.244548E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.996E+05	5.040E+02
PSDF ACCE	122	3044(5)	6.188359E+03	5.268477E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.855E+05	5.040E+02
PSDF ACCE	123	2097(5)	7.867738E+03	9.156456E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.167E+05	1.000E+03
PSDF ACCE	124	2098(5)	7.667442E+03	9.157000E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.124E+05	1.000E+03
PSDF ACCE	125	2173(5)	6.197181E+03	5.308297E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.701E+05	5.040E+02
PSDF ACCE	126	2202(5)	1.178464E+04	5.218369E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.985E+06	2.780E+02
PSDF ACCE	127	2204(5)	1.027831E+04	7.007418E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.406E+06	2.780E+02
PSDF ACCE	128	2400(5)	3.865574E+03	8.711846E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.193E+04	1.261E+02
PSDF ACCE	129	2135(5)	6.550483E+03	8.224620E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.863E+05	5.800E+02
PSDF ACCE	130	2086(5)	5.654724E+03	9.230917E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.639E+05	1.000E+03
PSDF ACCE	131	2090(5)	7.386148E+03	8.684012E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.788E+05	9.240E+02
PSDF ACCE	132	2441(5)	6.932231E+03	8.335818E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.824E+05	5.060E+02
PSDF ACCE	133	22644(5)	7.644299E+03	4.242900E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.057E+06	1.480E+02
PSDF ACCE	134	22632(5)	8.346414E+03	4.658390E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.110E+06	1.480E+02
PSDF ACCE	135	26206(5)	1.665899E+04	6.030515E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.628E+06	6.780E+02
PSDF ACCE	136	2122(5)	6.973923E+03	8.643792E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.722E+05	1.002E+03
PSDF ACCE	137	27155(5)	7.444703E+03	9.097940E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.977E+05	1.000E+03
PSDF ACCE	138	27156(5)	7.548023E+03	9.098461E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.981E+05	1.000E+03
PSDF ACCE	139	27157(5)	7.550165E+03	9.015116E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.869E+05	1.000E+03
PSDF ACCE	140	27158(5)	7.500620E+03	9.110347E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.020E+05	1.000E+03
PSDF ACCE	141	27159(5)	7.775598E+03	9.177754E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.161E+05	1.000E+03
PSDF ACCE	142	27160(5)	7.830125E+03	9.170242E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.157E+05	1.000E+03
PSDF ACCE	143	27161(5)	7.852075E+03	9.137864E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.129E+05	1.000E+03
PSDF ACCE	144	27162(5)	7.793807E+03	9.070455E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.331E+05	1.000E+03

Z AXIS PSD RESPONSE

X Y - O U T P U T S U M M A R Y (A U T O R P S D F)

PLOT TYPE	CURVE FRAME NO.	CURVE ID.	RMS VALUE	NC. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	YMAX FOR ALL DATA	X FOR YMIN	X FOR YMAX
PSDF ACCE	145	27163(5)	7.607551E+03	9.131216E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.100E+05	1.002E+03
PSDF ACCE	146	27164(5)	7.908605E+03	9.192630E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.254E+05	1.000E+03
PSDF ACCE	147	27165(5)	8.036652E+03	9.107067E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.211E+05	1.000E+03
PSDF DISP	147	2201(3)	8.838060E-04	2.415923E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.947E-08	1.056E+02
PSDF DISP	147	2660(3)	7.558233E-04	3.829158E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.627E-09	2.980E+02
PSDF DISP	147	2648(3)	6.776623E-04	3.184150E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.217E-08	1.056E+02
PSDF DISP	147	2650(3)	7.313231E-04	2.894613E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.987E-08	1.056E+02
PSDF DISP	147	2658(3)	8.003531E-04	3.755277E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.738E-09	2.980E+02
PSDF DISP	147	23636(3)	3.606903E-04	5.761562E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.194E-09	3.860E+02
PSDF DISP	147	23637(3)	4.160630E-04	3.865360E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.552E-09	3.860E+02
PSDF DISP	147	23638(3)	5.056940E-04	3.312513E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.145E-09	1.480E+02
PSDF DISP	147	23639(3)	5.093953E-04	3.048258E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.033E-08	1.480E+02
PSDF DISP	147	23640(3)	4.681140E-04	3.314619E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.526E-09	1.480E+02
PSDF DISP	147	23641(3)	4.522643E-04	3.864037E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.690E-09	1.480E+02
PSDF DISP	147	23642(3)	4.843772E-04	3.639404E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.500E-09	2.240E+02
PSDF DISP	147	23643(3)	5.888133E-04	3.224387E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.415E-08	2.240E+02
PSDF DISP	147	23644(3)	7.359885E-04	2.972206E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.949E-08	2.280E+02
PSDF DISP	147	23645(3)	9.279755E-04	2.692903E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.131E-08	2.280E+02
PSDF DISP	147	23646(3)	1.216633E-03	2.990681E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.261E-08	2.280E+02
PSDF DISP	147	23647(3)	5.735807E-04	5.677392E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.204E-09	3.860E+02
PSDF DISP	147	23648(3)	4.777245E-04	3.648829E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.845E-09	3.860E+02
PSDF DISP	147	23649(3)	5.093575E-04	3.179228E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.519E-09	1.480E+02
PSDF DISP	147	23650(3)	4.961591E-04	3.238828E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.071E-08	1.480E+02
PSDF DISP	147	23651(3)	4.233102E-04	3.506139E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.590E-09	1.480E+02

EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)

Z AXIS PSD RESPONSE

XY - OUTPUT SUMMARY (AUTORPSDF)

PLOT TYPE	CURVE FRAME TYPE	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX
PSDF DISP	147	23652(3)	4.065452E-04	4.103185E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.617E-09	1.490E+02
PSDF DISP	147	23653(3)	4.755044E-04	3.972739E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.694E-09	2.240E+02
PSDF DISP	147	23654(3)	5.879794E-04	3.288141E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.574E-08	2.240E+02
PSDF DISP	147	23655(3)	7.420683E-04	2.826635E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.149E-08	2.240E+02
PSDF DISP	147	23656(3)	9.422518E-04	2.637841E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.337E-08	2.280E+02
PSDF DISP	147	23657(3)	1.252596E-03	2.974893E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.735E-08	2.280E+02
PSDF DISP	147	23658(3)	2.787016E-03	4.266247E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.139E-07	2.980E+02
PSDF DISP	147	23659(3)	1.642561E-02	2.845076E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.269E-05	2.620E+02
PSDF DISP	147	23660(3)	3.058198E-03	3.953513E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.293E-07	1.480E+02
PSDF DISP	147	23661(3)	3.070061E-03	3.928465E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.284E-07	1.470E+02
PSDF DISP	147	23662(3)	3.028287E-03	2.164026E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.350E-07	1.660E+02
PSDF DISP	147	23663(3)	4.129163E-03	2.666979E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.039E-07	1.600E+02
PSDF DISP	147	2441(3)	2.301494E-03	3.495033E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.736E-08	3.860E+02
PSDF DISP	147	2200(3)	8.833109E-04	2.415262E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.947E-08	1.056E+02
PSDF DISP	147	2205(3)	8.705426E-04	2.332915E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.660E-08	1.056E+02
PSDF DISP	147	2206(3)	8.714104E-04	2.335115E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.661E-08	1.056E+02
PSDF DISP	147	2196(3)	9.590194E-04	2.608466E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.087E-08	2.980E+02
PSDF DISP	147	1890(3)	9.606701E-04	2.526447E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.226E-08	1.480E+02
PSDF DISP	147	2197(3)	9.563803E-04	2.607971E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.083E-08	2.980E+02
PSDF DISP	147	3053(3)	2.766554E-03	2.367441E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.939E-07	2.220E+02
PSDF DISP	147	1885(3)	9.573509E-04	2.508636E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.220E-08	1.480E+02
PSDF DISP	147	1886(3)	9.572014E-04	2.508158E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.219E-08	1.480E+02
PSDF DISP	147	1887(3)	9.580635E-04	2.513422E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.221E-08	1.480E+02
PSDF DISP	147	1888(3)	9.584230E-04	2.515179E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.222E-08	1.480E+02

Z AXIS PSD RESPONSE

XY - O U T P U T S U M M A R Y (A U T C O R P S D F)

PLOT TYPE	CURVE FRAME TYPE	CURVE ID.	RMS VALUE	NC. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX
PSDF DISP	147	3037(3)	1.153730E-03	3.201505E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.735E-08	1.480E+02
PSDF DISP	147	3038(3)	1.198684E-03	3.406139E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.556E-08	1.480E+02
PSDF DISP	147	3039(3)	1.214034E-03	3.764548E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.290E-08	1.480E+02
PSDF DISP	147	3040(3)	1.140982E-03	3.932142E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.059E-08	1.480E+02
PSDF DISP	147	3041(3)	1.043376E-03	3.865945E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.016E-08	1.480E+02
PSDF DISP	147	3042(3)	1.044523E-03	3.858950E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.236E-08	1.480E+02
PSDF DISP	147	3043(3)	1.074048E-03	3.631898E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.538E-08	1.480E+02
PSDF DISP	147	3044(3)	1.100773E-03	3.267520E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.722E-08	1.480E+02
PSDF DISP	147	2097(3)	1.290223E-03	2.879608E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.028E-08	1.480E+02
PSDF DISP	147	2098(3)	2.063812E-03	2.808193E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.042E-07	1.480E+02
PSDF DISP	147	21086(3)	2.438570E-03	2.714330E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.583E-07	1.480E+02
PSDF DISP	147	21126(3)	2.238181E-03	1.704479E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.728E-07	1.480E+02
PSDF DISP	147	21139(3)	2.219764E-03	1.704047E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.653E-07	1.480E+02
PSDF DISP	147	21150(3)	2.205564E-03	1.705502E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.593E-07	1.480E+02
PSDF DISP	147	21159(3)	2.224250E-03	1.706470E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.671E-07	1.480E+02
PSDF DISP	147	21160(3)	2.211158E-03	1.706188E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.618E-07	1.480E+02
PSDF DISP	147	21161(3)	2.221849E-03	1.700867E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.668E-07	1.480E+02
PSDF DISP	147	21094(3)	2.390555E-03	1.719642E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.360E-07	1.480E+02
PSDF DISP	147	21190(3)	2.456562E-03	1.649649E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.887E-07	1.480E+02
PSDF DISP	147	21198(3)	2.374963E-03	1.653651E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.495E-07	1.480E+02
PSDF DISP	147	21206(3)	2.361826E-03	1.654602E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.430E-07	1.480E+02
PSDF DISP	147	21214(3)	2.334898E-03	1.655935E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.303E-07	1.480E+02
PSDF DISP	147	21227(3)	2.311334E-03	1.657898E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.193E-07	1.480E+02
PSDF DISP	147	21238(3)	2.293033E-03	1.660606E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.107E-07	1.480E+02

Z AXIS PSD RESPONSE

XY - O U T P U T S U M M A R Y (A V T C O R P S D F)										
PLOT TYPE	CURVE FRAME TYPE NO.	CURVE ID.	RMS VALUE	NC. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX
PSDF DISP	147	21249(3)	2.307597E-03	1.658615E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	5.173E-07	1.480E+02
PSDF DISP	147	21085(3)	1.891799E-03	1.734017E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.347E-07	1.480E+02
PSDF DISP	147	21093(3)	1.865685E-03	1.733961E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.257E-07	1.480E+02
PSDF DISP	147	21101(3)	1.802005E-03	1.739126E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.035E-07	1.480E+02
PSDF DISP	147	21109(3)	1.755377E-03	1.738864E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.882E-07	1.480E+02
PSDF DISP	147	21117(3)	1.707935E-03	1.738668E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.730E-07	1.480E+02
PSDF DISP	147	21149(3)	1.665865E-03	1.738775E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.601E-07	1.480E+02
PSDF DISP	147	21158(3)	1.670812E-03	1.737834E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.618E-07	1.480E+02
PSDF DISP	147	21165(3)	1.663212E-03	1.735677E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.659E-07	1.480E+02
PSDF DISP	147	21166(3)	1.694423E-03	1.729435E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.699E-07	1.480E+02
PSDF DISP	147	21173(3)	2.005700E-03	1.667167E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.909E-07	1.480E+02
PSDF DISP	147	21181(3)	1.975026E-03	1.669970E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.787E-07	1.480E+02
PSDF DISP	147	21205(3)	1.792616E-03	1.686256E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.102E-07	1.480E+02
PSDF DISP	147	21213(3)	1.778293E-03	1.689186E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.049E-07	1.480E+02
PSDF DISP	147	21226(3)	1.744051E-03	1.694335E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.928E-07	1.480E+02
PSDF DISP	147	21237(3)	1.730560E-03	1.697875E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.880E-07	1.480E+02
PSDF DISP	147	21246(3)	1.732659E-03	1.699030E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.886E-07	1.480E+02
PSDF DISP	147	21253(3)	1.745208E-03	1.697513E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.929E-07	1.480E+02
PSDF DISP	147	21118(3)	2.258964E-03	1.706665E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.811E-07	1.480E+02
PSDF DISP	147	21174(3)	2.563438E-03	1.645522E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.418E-07	1.480E+02
PSDF DISP	147	21182(3)	2.516919E-03	1.646218E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.189E-07	1.480E+02
PSDF DISP	147	21102(3)	2.338484E-03	1.714744E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	5.139E-07	1.480E+02
PSDF DISP	147	21110(3)	2.265573E-03	1.711209E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.831E-07	1.480E+02
PSDF DISP	147	21247(3)	2.310451E-03	1.661808E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	5.184E-07	1.480E+02

Z AXIS PSD RESPONSE

XY - O U T P U T S U M M A R Y (A U T C O R P S D F)

<div> PLOT TYPE</div> <div>CURVE FRAME NO.</div>
--

EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)

Z AXIS PSD RESPONSE

XY - O U T P U T S U M M A R Y (A U T O R P S D F)

PLOT TYPE	CURVE TYPE	FRAME NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX
PSDF	DISP	147	24000(3)	1.286459E-10	4.978319E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.852E-21	3.000E+01
PSDF	DISP	147	27155(3)	4.195933E-03	2.127963E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.439E-07	1.480E+02
PSDF	DISP	147	27156(3)	3.283333E-03	2.388313E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.942E-07	1.480E+02
PSDF	DISP	147	27157(3)	4.339616E-03	2.746849E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.995E-07	2.720E+02
PSDF	DISP	147	27158(3)	2.829447E-03	2.238229E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.228E-07	1.480E+02
PSDF	DISP	147	27159(3)	2.251300E-03	3.067054E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.282E-07	1.480E+02
PSDF	DISP	147	27160(3)	2.044179E-03	2.775146E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.314E-07	1.480E+02
PSDF	DISP	147	27161(3)	1.385836E-03	2.911336E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.483E-08	1.480E+02
PSDF	DISP	147	27162(3)	2.628600E-03	2.978337E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.352E-07	2.720E+02
PSDF	DISP	147	27163(3)	1.928326E-03	4.035063E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.425E-08	1.480E+02
PSDF	DISP	147	27164(3)	1.884097E-03	5.479463E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.764E-08	1.480E+02
PSDF	DISP	147	27165(3)	1.006266E-03	5.013694E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.795E-08	3.000E+02
PSDF	DISP	147	2201(4)	6.035591E-04	2.609575E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.259E-09	1.960E+02
PSDF	DISP	147	2660(4)	6.370061E-04	3.134178E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.293E-08	1.056E+02
PSDF	DISP	147	2643(4)	6.407177E-04	3.143463E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.298E-08	1.056E+02
PSDF	DISP	147	2650(4)	6.902724E-04	2.742979E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.097E-08	1.056E+02
PSDF	DISP	147	2658(4)	6.890425E-04	2.746270E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.096E-08	1.056E+02
PSDF	DISP	147	2441(4)	8.061388E-04	3.333965E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.004E-08	1.960E+02
PSDF	DISP	147	2200(4)	5.994021E-04	2.630066E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.810E-09	1.960E+02
PSDF	DISP	147	2205(4)	6.043505E-04	2.612267E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.252E-09	1.960E+02
PSDF	DISP	147	2206(4)	6.332903E-04	2.649945E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.174E-09	1.049E+02
PSDF	DISP	147	2196(4)	5.999937E-04	2.633923E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.842E-09	1.960E+02
PSDF	DISP	147	1890(4)	1.024099E-03	2.138763E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.908E-08	1.056E+02
PSDF	DISP	147	2197(4)	6.031356E-04	2.608257E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.257E-09	1.960E+02

Z AXIS PSD RESPONSE

X Y - O U T P U T S U M M A R Y (A U T O O R P S D F)

PLOT TYPE	CURVE FRAME NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX
PSDF DISP	147	3053(4)	1.609621E-03	2.756886E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.516E-07	1.460E+02
PSDF DISP	147	1885(4)	1.387453E-03	2.815537E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	6.209E-08	1.056E+02
PSDF DISP	147	1886(4)	1.331417E-03	2.730905E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.459E-08	1.056E+02
PSDF DISP	147	1887(4)	1.013156E-03	1.900525E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.791E-08	1.056E+02
PSDF DISP	147	1888(4)	1.004150E-03	1.880418E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.055E-08	1.056E+02
PSDF DISP	147	3037(4)	1.017149E-03	1.941338E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.603E-08	1.056E+02
PSDF DISP	147	3038(4)	1.009185E-03	1.913432E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.549E-08	1.056E+02
PSDF DISP	147	3039(4)	9.902288E-04	1.841642E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.420E-08	1.056E+02
PSDF DISP	147	3040(4)	9.703836E-04	1.752839E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.261E-08	1.056E+02
PSDF DISP	147	3041(4)	9.625804E-04	1.709905E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.227E-08	1.056E+02
PSDF DISP	147	3042(4)	9.700149E-04	1.737386E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.287E-08	1.056E+02
PSDF DISP	147	3043(4)	9.900682E-04	1.831186E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.425E-08	1.056E+02
PSDF DISP	147	3044(4)	1.009265E-03	1.909004E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.554E-08	1.056E+02
PSDF DISP	147	2097(4)	5.659444E-04	2.589671E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.950E-09	1.960E+02
PSDF DISP	147	2098(4)	5.614961E-04	2.582852E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.856E-09	1.960E+02
PSDF DISP	147	2108(4)	1.747047E-03	2.900208E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.254E-07	1.480E+02
PSDF DISP	147	2112(4)	5.896187E-03	1.971275E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.465E-06	1.940E+02
PSDF DISP	147	2113(4)	4.831980E-03	2.027141E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.628E-06	1.940E+02
PSDF DISP	147	2115(4)	3.917754E-03	2.150261E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.013E-06	1.940E+02
PSDF DISP	147	2115(4)	3.201791E-03	2.282560E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.963E-07	1.940E+02
PSDF DISP	147	2116(4)	2.906090E-03	2.316930E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.936E-07	1.940E+02
PSDF DISP	147	2116(4)	3.063792E-03	2.597609E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.001E-07	1.940E+02
PSDF DISP	147	21094(4)	3.498469E-03	2.086955E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.224E-07	1.940E+02
PSDF DISP	147	21190(4)	5.337405E-03	1.983499E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.819E-06	1.940E+02

EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)

Z AXIS PSD RESPONSE

XY-CUTPUT SUMMARY (AJTCORPSDF)

PLOT TYPE	CURVE FRAME TYPE NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX
PSDF DISP	147	21193(4)	6.378897E-03	1.945638E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.726E-06	1.940E+02
PSDF DISP	147	21206(4)	6.503501E-03	1.955251E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.867E-06	1.940E+02
PSDF DISP	147	21214(4)	5.866926E-03	1.986859E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.322E-06	1.940E+02
PSDF DISP	147	21227(4)	4.941998E-03	2.065479E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.541E-06	1.940E+02
PSDF DISP	147	21238(4)	3.935685E-03	2.216014E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	9.677E-07	1.940E+02
PSDF DISP	147	21249(4)	2.890925E-03	2.730982E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.020E-07	1.920E+02
PSDF DISP	147	21085(4)	1.960414E-03	3.752924E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.267E-07	1.900E+02
PSDF DISP	147	21093(4)	3.290538E-03	2.212516E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	6.656E-07	1.940E+02
PSDF DISP	147	21101(4)	4.647190E-03	1.990453E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.471E-06	1.940E+02
PSDF DISP	147	21109(4)	5.478818E-03	1.980146E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.103E-06	1.940E+02
PSDF DISP	147	21117(4)	5.564866E-03	2.003292E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.193E-06	1.940E+02
PSDF DISP	147	21149(4)	3.663499E-03	2.104382E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.004E-07	1.940E+02
PSDF DISP	147	21158(4)	3.123616E-03	2.165385E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.853E-07	1.940E+02
PSDF DISP	147	21165(4)	2.859061E-03	2.273413E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.000E-07	1.940E+02
PSDF DISP	147	21166(4)	3.109229E-03	2.684564E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.097E-07	1.940E+02
PSDF DISP	147	21173(4)	2.189938E-03	3.791520E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.246E-07	1.900E+02
PSDF DISP	147	21181(4)	3.362236E-03	2.337972E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	6.224E-07	1.940E+02
PSDF DISP	147	21205(4)	5.518809E-03	2.016534E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.061E-06	1.940E+02
PSDF DISP	147	21213(4)	5.133418E-03	2.018036E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.785E-06	1.940E+02
PSDF DISP	147	21226(4)	4.401680E-03	2.057988E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.291E-06	1.940E+02
PSDF DISP	147	21237(4)	3.667777E-03	2.146349E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.625E-07	1.940E+02
PSDF DISP	147	21246(4)	3.077267E-03	2.196215E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	5.701E-07	1.940E+02
PSDF DISP	147	21253(4)	2.772155E-03	2.318529E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.959E-07	1.940E+02
PSDF DISP	147	21118(4)	6.567336E-03	1.955336E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.054E-06	1.940E+02

Z AXIS PSD RESPONSE

X Y - O U T P U T S U M M A R Y (A U T O R P S D F)

PILOT TYPE	CURVE FRAME NC.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMN FOR ALL DATA	YMN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX
PSDF DISP	147	21174(4)	1.8793358E-03	3.062097E+02	1.000E+01	2.000E+00	1.000E+01	1.384E-07	1.480E+02
PSDF DISP	147	21182(4)	3.549329E-03	2.17634-E+02	1.000E-01	2.000E+00	1.000E+01	6.745E-07	1.940E+02
PSDF DISP	147	21102(4)	5.368436E-03	1.987170E+02	1.000E-01	2.000E+00	1.000E+01	1.945E-06	1.940E+02
PSDF DISP	147	21110(4)	6.448428E-03	1.959137E+02	1.000E-01	2.000E+00	1.000E+01	2.909E-06	1.940E+02
PSDF DISP	147	21247(4)	3.166319E-03	2.350070E+02	1.000E+01	2.000E+00	1.000E+01	5.768E-07	1.940E+02
PSDF DISP	147	21248(4)	2.779008E-03	2.351556E+02	1.000E-01	2.000E+00	1.000E+01	3.369E-07	1.940E+02
PSDF DISP	147	21125(4)	5.159151E-03	2.004408E+02	1.000E+01	2.000E+00	1.000E+01	1.893E-06	1.940E+02
PSDF DISP	147	21138(4)	4.399122E-03	2.032945E+02	1.000E-01	2.000E+00	1.000E+01	1.360E-06	1.940E+02
PSDF DISP	147	21189(4)	4.641173E-03	2.028667E+02	1.000E-01	2.000E+00	1.000E+01	1.376E-06	1.940E+02
PSDF DISP	147	21197(4)	5.435306E-03	1.993348E+02	1.000E+01	2.000E+00	1.000E+01	1.971E-06	1.940E+02
PSDF DISP	147	21254(4)	2.969136E-03	2.869750E+02	1.000E-01	2.000E+00	1.000E+01	3.135E-07	1.940E+02
PSDF DISP	147	2204(4)	5.010311E-04	2.634920E+02	1.000E-01	2.000E+00	1.000E+01	6.785E-09	1.960E+02
PSDF DISP	147	2202(4)	6.311139E-04	2.64444-E+02	1.000E-01	2.000E+00	1.000E+01	6.185E-09	1.049E+02
PSDF DISP	147	22644(4)	1.476655E-03	1.958033E+02	1.000E+01	2.000E+00	1.000E+01	1.303E-07	1.480E+02
PSDF DISP	147	22632(4)	5.710357E-04	3.032116E+02	1.000E+01	2.000E+00	1.000E+01	5.373E-09	1.470E+02
PSDF DISP	147	2752(4)	2.641260E-03	5.359627E+02	1.000E+01	2.000E+00	1.000E+01	8.570E-08	5.880E+02
PSDF DISP	147	2758(4)	1.531963E-02	2.872750E+02	1.000E+01	2.000E+00	1.000E+01	1.135E-05	2.620E+02
PSDF DISP	147	2748(4)	7.751457E-04	3.296252E+02	1.000E+01	2.000E+00	1.000E+01	1.550E-08	2.640E+02
PSDF DISP	147	618(4)	6.903592E-04	3.104945E+02	1.000E+01	2.000E+00	1.000E+01	7.548E-09	1.960E+02
PSDF DISP	147	603(4)	7.591438E-04	3.191081E+02	1.000E+01	2.000E+00	1.000E+01	9.275E-09	1.960E+02
PSDF DISP	147	2441(4)	3.061398E-04	3.333965E+02	1.000E+01	2.000E+00	1.000E+01	1.004E-08	1.960E+02
PSDF DISP	147	25803(4)	3.362805E-03	2.172415E+02	1.000E+01	2.000E+00	1.000E+01	7.273E-07	1.660E-02
PSDF DISP	147	2175(4)	8.395073E-04	2.388803E+02	1.000E+01	2.000E+00	1.000E+01	5.478E-08	1.056E+02
PSDF DISP	147	2086(4)	5.699357E-04	2.923369E+02	1.000E+01	2.000E+00	1.000E+01	9.057E-09	1.960E+02

ECS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)

MARCH 5, 1996 MSC/NASTRAN 8/24/94 PAGE 101

Report 10515
1 Apr 96

Z AXIS PSD RESPONSE

X Y - O U T P U T S U M M A R Y (A U T O R P S D F)

PLOT TYPE	CURVE FRAME TYPE	CURVE ID.	RMS VALJE	NC. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX
PSDF DISP	147	26116(4)	3.060683E-03	3.206198E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.879E-07	1.660E+02
PSDF DISP	147	26146(4)	2.062362E-03	4.380124E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.728E-08	1.480E+02
PSDF DISP	147	26336(4)	3.066364E-03	2.532955E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.323E-07	1.660E+02
PSDF DISP	147	26417(4)	3.301895E-03	2.32452E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.522E-07	1.660E+02
PSDF DISP	147	26082(4)	1.833355E-03	3.929882E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.655E-08	2.980E-02
PSDF DISP	147	24000(4)	1.301777E-10	4.618375E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.459E-21	2.000E+01
PSDF DISP	147	27155(4)	5.429566E-04	2.639905E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.242E-09	1.960E+02
PSDF DISP	147	27156(4)	5.465494E-04	2.647502E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.295E-09	1.960E+02
PSDF DISP	147	27157(4)	5.503804E-04	2.630428E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.440E-09	1.960E+02
PSDF DISP	147	27158(4)	5.519664E-04	2.598799E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.566E-09	1.960E+02
PSDF DISP	147	27159(4)	5.594995E-04	2.594617E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.763E-09	1.960E+02
PSDF DISP	147	27160(4)	5.598528E-04	2.600831E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.743E-09	1.960E+02
PSDF DISP	147	27161(4)	5.631283E-04	2.597284E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.843E-09	1.960E+02
PSDF DISP	147	27162(4)	5.627326E-04	2.598553E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.825E-09	1.960E+02
PSDF DISP	147	27163(4)	5.768722E-04	2.578319E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.316E-09	1.960E+02
PSDF DISP	147	27164(4)	5.810415E-04	2.586533E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.396E-09	1.960E+02
PSDF DISP	147	27165(4)	5.854527E-04	2.592930E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.485E-09	1.960E+02
PSDF DISP	147	2201(5)	1.223254E-02	1.088947E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.884E-06	2.000E+01
PSDF DISP	147	2660(5)	1.215794E-02	1.021032E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.864E-06	2.000E+01
PSDF DISP	147	2648(5)	1.143341E-02	7.143977E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.830E-06	2.000E+01
PSDF DISP	147	2650(5)	1.137912E-02	6.857885E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.827E-06	2.000E+01
PSDF DISP	147	2652(5)	1.344888E-02	1.430061E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.902E-06	2.000E+01
PSDF DISP	147	2441(5)	1.117945E-02	5.029292E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.795E-06	2.000E+01
PSDF DISP	147	2200(5)	1.178672E-02	8.447705E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.859E-06	2.000E+01

Z AXIS PSD RESPONSE

X Y - O U T P U T S U M M A R Y (A U T O O R P S D F)

PLOT TYPE	CURVE FRAME NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX
PSDF DISP	147	2205(5)	1.162043E-02	7.916929E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.849E-06	2.000E+01
PSDF DISP	147	2206(5)	1.148833E-02	7.229530E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.839E-06	2.000E+01
PSDF DISP	147	2196(5)	1.180242E-02	8.890257E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.859E-06	2.000E+01
PSDF DISP	147	1890(5)	1.126169E-02	5.670842E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.813E-06	2.000E+01
PSDF DISP	147	2197(5)	1.180279E-02	8.752354E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.857E-06	2.000E+01
PSDF DISP	147	3053(5)	1.146192E-02	7.483228E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.829E-06	2.000E+01
PSDF DISP	147	1885(5)	1.142434E-02	6.480244E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.836E-06	2.000E+01
PSDF DISP	147	1886(5)	1.140634E-02	6.326522E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.834E-06	2.000E+01
PSDF DISP	147	1887(5)	1.128482E-02	5.405344E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.818E-06	2.000E+01
PSDF DISP	147	1888(5)	1.127235E-02	5.331966E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.816E-06	2.000E+01
PSDF DISP	147	3037(5)	1.125665E-02	5.282064E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.813E-06	2.000E+01
PSDF DISP	147	3038(5)	1.125480E-02	5.276155E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.812E-06	2.000E+01
PSDF DISP	147	3039(5)	1.125425E-02	5.275699E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.812E-06	2.000E+01
PSDF DISP	147	3040(5)	1.125517E-02	5.277168E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.812E-06	2.000E+01
PSDF DISP	147	3041(5)	1.125747E-02	5.284290E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.813E-06	2.000E+01
PSDF DISP	147	3042(5)	1.125927E-02	5.292560E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.813E-06	2.000E+01
PSDF DISP	147	3043(5)	1.125990E-02	5.296197E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.813E-06	2.000E+01
PSDF DISP	147	3044(5)	1.125880E-02	5.289628E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.813E-06	2.000E+01
PSDF DISP	147	2097(5)	1.116547E-02	4.921774E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.793E-06	2.000E+01
PSDF DISP	147	2098(5)	1.116590E-02	4.895383E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.793E-06	2.000E+01
PSDF DISP	147	21086(5)	1.294225E-02	7.458039E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.991E-06	2.000E+01
PSDF DISP	147	21126(5)	1.189514E-02	5.918198E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.908E-06	2.000E+01
PSDF DISP	147	21139(5)	1.173546E-02	5.694976E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.890E-06	2.000E+01
PSDF DISP	147	21150(5)	1.159084E-02	5.522622E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.873E-06	2.000E+01

EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)

Z AXIS PSD RESPONSE

XY-OUTPUT SUMMARY (AUTO OR PSD F)

PLOT TYPE	CURVE FRAME NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX
PSDF DISP	147	21159(5)	1.146623E-02	5.408264E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.854E-06	2.000E+01
PSDF DISP	147	21160(5)	1.136203E-02	5.374224E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.836E-06	2.000E+01
PSDF DISP	147	21161(5)	1.128315E-02	5.456766E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.818E-06	2.000E+01
PSDF DISP	147	21094(5)	1.271445E-02	7.132528E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.976E-06	2.000E+01
PSDF DISP	147	21190(5)	1.261660E-02	6.983147E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.969E-06	2.000E+01
PSDF DISP	147	21199(5)	1.238354E-02	6.651001E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.932E-06	2.000E+01
PSDF DISP	147	21206(5)	1.217338E-02	6.345265E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.934E-06	2.000E+01
PSDF DISP	147	21214(5)	1.197612E-02	6.063372E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.916E-06	2.000E+01
PSDF DISP	147	21227(5)	1.180089E-02	5.822573E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.898E-06	2.000E+01
PSDF DISP	147	21238(5)	1.164540E-02	5.629900E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.850E-06	2.000E+01
PSDF DISP	147	21249(5)	1.130781E-02	5.505807E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.824E-06	2.000E+01
PSDF DISP	147	21085(5)	1.294529E-02	7.459477E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.931E-06	2.000E+01
PSDF DISP	147	21093(5)	1.270320E-02	7.115938E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.975E-06	2.000E+01
PSDF DISP	147	21101(5)	1.248156E-02	6.792650E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.959E-06	2.000E+01
PSDF DISP	147	21109(5)	1.227147E-02	6.477943E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.942E-06	2.000E+01
PSDF DISP	147	21117(5)	1.206335E-02	6.163727E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.924E-06	2.000E+01
PSDF DISP	147	21149(5)	1.158587E-02	5.516057E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.872E-06	2.000E+01
PSDF DISP	147	21158(5)	1.146390E-02	5.415114E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.854E-06	2.000E+01
PSDF DISP	147	21165(5)	1.136533E-02	5.403955E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.837E-06	2.000E+01
PSDF DISP	147	21166(5)	1.128695E-02	5.506437E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.819E-06	2.000E+01
PSDF DISP	147	21173(5)	1.309281E-02	7.623330E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.001E-06	2.000E+01
PSDF DISP	147	21181(5)	1.283833E-02	7.288303E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.985E-06	2.000E+01
PSDF DISP	147	21205(5)	1.215526E-02	6.320221E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.933E-06	2.000E+01
PSDF DISP	147	21213(5)	1.196727E-02	6.049303E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.915E-06	2.000E+01

Z AXIS PSD RESPONSE

X Y - O U T P U T S U M M A R Y (A U T O O R P S D F)

PLOT TYPE	CURVE FRAME NO.	CURVE ID.	RMS VALUE	NC. POSITIVE CROSSINGS	XMN FOR ALL DATA	YMN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX
PSDF DISP	147	21226(5)	1.179250E-02	5.810114E+01	1.000E+01	0.000E+00	1.000E+01	7.837E-06	2.000E+01
PSDF DISP	147	21237(5)	1.163975E-02	5.623432E+01	1.000E+01	0.000E+00	1.000E+01	7.879E-06	2.000E+01
PSDF DISP	147	21246(5)	1.150635E-02	5.500545E+01	1.000E+01	0.000E+00	1.000E+01	7.861E-06	2.000E+01
PSDF DISP	147	21253(5)	1.139769E-02	5.465601E+01	1.000E+01	0.000E+00	1.000E+01	7.843E-06	2.000E+01
PSDF DISP	147	21118(5)	1.207717E-02	6.186808E+01	1.000E+01	0.000E+00	1.000E+01	7.925E-06	2.000E+01
PSDF DISP	147	21174(5)	1.309328E-02	7.623544E+01	1.000E+01	0.000E+00	1.000E+01	8.001E-06	2.000E+01
PSDF DISP	147	21182(5)	1.255043E-02	7.307454E+01	1.000E+01	0.000E+00	1.000E+01	7.986E-06	2.000E+01
PSDF DISP	147	21102(5)	1.249235E-02	6.810370E+01	1.000E+01	0.000E+00	1.000E+01	7.959E-06	2.000E+01
PSDF DISP	147	21110(5)	1.227384E-02	6.483700E+01	1.000E+01	0.000E+00	1.000E+01	7.942E-06	2.000E+01
PSDF DISP	147	21247(5)	1.150895E-02	5.495251E+01	1.000E+01	0.000E+00	1.000E+01	7.861E-06	2.000E+01
PSDF DISP	147	21248(5)	1.139460E-02	5.442685E+01	1.000E+01	0.000E+00	1.000E+01	7.842E-06	2.000E+01
PSDF DISP	147	21125(5)	1.188825E-02	5.905615E+01	1.000E+01	0.000E+00	1.000E+01	7.907E-06	2.000E+01
PSDF DISP	147	21138(5)	1.172639E-02	5.682650E+01	1.000E+01	0.000E+00	1.000E+01	7.839E-06	2.000E+01
PSDF DISP	147	21189(5)	1.260313E-02	6.963615E+01	1.000E+01	0.000E+00	1.000E+01	7.968E-06	2.000E+01
PSDF DISP	147	21197(5)	1.237822E-02	6.643235E+01	1.000E+01	0.000E+00	1.000E+01	7.951E-06	2.000E+01
PSDF DISP	147	21254(5)	1.151296E-02	5.543437E+01	1.000E+01	0.000E+00	1.000E+01	7.825E-06	2.000E+01
PSDF DISP	147	2204(5)	1.151725E-02	7.089344E+01	1.000E+01	0.000E+00	1.000E+01	7.840E-06	2.000E+01
PSDF DISP	147	2202(5)	1.172759E-02	8.376025E+01	1.000E+01	0.000E+00	1.000E+01	7.854E-06	2.000E+01
PSDF DISP	147	22644(5)	1.358807E-02	8.284058E+01	1.000E+01	0.000E+00	1.000E+01	8.034E-06	2.000E+01
PSDF DISP	147	22632(5)	1.360026E-02	8.337630E+01	1.000E+01	0.000E+00	1.000E+01	8.053E-06	2.000E+01
PSDF DISP	147	2752(5)	1.139495E-02	6.944111E+01	1.000E+01	0.000E+00	1.000E+01	7.929E-06	2.000E+01
PSDF DISP	147	2758(5)	1.440047E-02	1.636316E+02	1.000E+01	0.000E+00	1.000E+01	7.922E-06	2.000E+01
PSDF DISP	147	2748(5)	1.121419E-02	5.106116E+01	1.000E+01	0.000E+00	1.000E+01	7.802E-06	2.000E+01
PSDF DISP	147	618(5)	1.117166E-02	4.908124E+01	1.000E+01	0.000E+00	1.000E+01	7.794E-06	2.000E+01

ECS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)

MARCH 5, 1996 MSC/NASTRAN 8/24/94 PAGE 105

Report 10515
1 Apr 96

Z AXIS PSD RESPONSE

X Y - O U T P U T S U M M A R Y (A J T C O R P S D F)

PLOT TYPE	CURVE FRAME NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX
PSDF DISP	147	603(5)	1.117397E-02	4.930465E+01	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.794E-06	2.000E+01
PSDF DISP	147	2441(5)	1.117945E-02	5.029292E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.795E-06	2.000E+01
PSDF DISP	147	25803(5)	1.187083E-02	8.501898E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.900E-06	2.000E+01
PSDF DISP	147	2175(5)	1.123442E-02	5.075953E+01	1.000E-01	2.000E+03	0.000E-00	1.000E+01	7.307E-06	2.000E+01
PSDF DISP	147	2086(5)	1.117064E-02	5.040079E+01	1.000E-01	2.000E+03	0.000E-00	1.000E+01	7.793E-06	2.000E+01
PSDF DISP	147	26116(5)	1.193234E-02	1.084180E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.899E-06	2.000E+01
PSDF DISP	147	26146(5)	1.158172E-02	8.749348E+01	1.000E-01	2.000E+03	0.000E-00	1.000E+01	7.848E-06	2.000E+01
PSDF DISP	147	26336(5)	1.193441E-02	1.088608E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.899E-06	2.000E+01
PSDF DISP	147	26417(5)	1.188800E-02	9.031120E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.901E-06	2.000E+01
PSDF DISP	147	26082(5)	1.158828E-02	8.170905E+01	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.854E-06	2.000E+01
PSDF DISP	147	24000(5)	1.109684E-02	4.450638E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.775E-06	2.000E+01
PSDF DISP	147	27155(5)	1.116242E-02	4.861475E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.792E-06	2.000E+01
PSDF DISP	147	27156(5)	1.116133E-02	4.874265E+01	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.792E-06	2.000E+01
PSDF DISP	147	27157(5)	1.116241E-02	4.892869E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.792E-06	2.000E+01
PSDF DISP	147	27158(5)	1.116419E-02	4.872303E+01	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.793E-06	2.000E+01
PSDF DISP	147	27159(5)	1.116538E-02	4.903566E+01	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.793E-06	2.000E+01
PSDF DISP	147	27160(5)	1.116468E-02	4.911631E+01	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.792E-06	2.000E+01
PSDF DISP	147	27161(5)	1.116474E-02	4.921146E+01	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.792E-06	2.000E+01
PSDF DISP	147	27162(5)	1.116440E-02	4.924656E+01	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.792E-06	2.000E+01
PSDF DISP	147	27163(5)	1.116789E-02	4.893341E+01	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.793E-06	2.000E+01
PSDF DISP	147	27164(5)	1.116836E-02	4.927914E+01	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.793E-06	2.000E+01
PSDF DISP	147	27165(5)	1.116721E-02	4.961575E+01	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.793E-06	2.000E+01
PSDF EL STR	147	2150(3)	5.004977E+02	4.758520E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.767E-03	2.780E+02
PSDF EL STR	147	2150(5)	4.611565E+02	3.399963E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	5.143E-03	2.780E+02

Z AXIS PSD RESPONSE

X Y - O U T P U T S U M M A R Y (A U T O O R P S D F)

PLOT TYPE	CURVE FRAME NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	YMAX FOR ALL DATA	X FOR YMIN	X FOR YMAX
PSDF EL STR	147	2150(7)	1.019201E+03	3.064757E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.450E+04	2.780E+02
PSDF EL STR	147	2151(3)	9.489525E+02	3.245446E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.837E+04	2.780E+02
PSDF EL STR	147	2151(5)	4.803384E+02	5.066363E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.193E+03	3.960E+02
PSDF EL STR	147	2151(7)	2.350916E+02	6.306581E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.479E+02	6.000E+02
PSDF EL STR	147	2152(3)	4.913346E+02	3.780260E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.875E+03	2.780E+02
PSDF EL STR	147	2152(5)	5.241931E+02	4.641256E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.616E+03	2.780E+02
PSDF EL STR	147	2152(7)	5.969144E+02	3.090444E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.183E+04	2.780E+02
PSDF EL STR	147	2153(3)	2.727603E+02	4.463850E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.894E+03	2.780E+02
PSDF EL STR	147	2153(5)	2.789813E+02	4.397171E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.239E-03	2.780E+02
PSDF EL STR	147	2153(7)	9.209244E+02	3.015326E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.096E+04	2.780E+02
PSDF EL STR	147	2154(3)	5.074454E+02	5.996278E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.316E+03	5.980E+02
PSDF EL STR	147	2154(5)	2.282571E+02	4.189255E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.310E+03	2.780E+02
PSDF EL STR	147	2154(7)	2.989880E+02	4.189352E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.876E+03	3.960E+02
PSDF EL STR	147	2155(3)	2.119804E+03	3.091600E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.621E+05	2.780E+02
PSDF EL STR	147	2155(5)	5.188598E+02	3.491331E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.647E+04	2.780E+02
PSDF EL STR	147	2155(7)	5.739152E+02	3.198057E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.185E+04	2.780E+02
PSDF EL STR	147	2156(3)	2.335276E+03	3.702236E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.652E+05	2.780E+02
PSDF EL STR	147	2156(5)	9.498796E+02	3.919159E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.164E-04	2.780E+02
PSDF EL STR	147	2156(7)	3.413856E+02	4.605665E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.705E+03	3.980E+02
PSDF EL STR	147	2157(3)	6.866094E+02	7.004795E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.962E+03	5.960E+02
PSDF EL STR	147	2157(5)	2.950865E+02	3.999063E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.852E-03	2.780E+02
PSDF EL STR	147	2157(7)	6.646982E+02	3.642347E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.156E+04	2.780E+02
PSDF EL STR	147	2158(3)	2.292780E+02	7.077891E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.656E+02	2.780E+02
PSDF EL STR	147	2158(5)	2.549553E+02	4.042778E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.265E+03	3.980E+02

ECS/AMSD-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)

MARCH 5, 1996 MSC/NASTRAN 8/24/94 PAGE 107

2 AXIS PSD RESPONSE

XY-COUPUT SUMMARY (AUTC OR PSD F)

PLOT TYPE	CURVE FRAME NC.	CURVE ID.	RMS VALJE	NO. POSITIVE CROSSINGS	XMN FOR ALL DATA	XMN FOR ALL DATA	YMIN FOR ALL DATA	YMAX FOR ALL DATA	X FOR YMIN	X FOR YMAX
PSDF EL STR	147	2158(7)	3.643405E+02	3.822008E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.048E+03	2.780E+02
PSDF EL STR	147	2159(3)	1.559394E+03	3.041697E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	8.864E+04	2.780E+02
PSDF EL STR	147	2159(5)	9.151863E+02	3.575768E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.820E+04	3.960E+02
PSDF EL STR	147	2159(7)	5.850673E+02	4.487214E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	6.151E-03	2.780E+02
PSDF EL STR	147	2160(3)	2.379505E+03	3.608122E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.918E+05	2.780E+02
PSDF EL STR	147	2160(5)	9.294488E+02	3.393682E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.352E-04	2.780E+02
PSDF EL STR	147	2160(7)	4.982264E+02	3.568269E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	8.491E+03	2.780E+02
PSDF EL STR	147	2161(3)	9.429437E+02	7.049076E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.390E-03	5.960E+02
PSDF EL STR	147	2161(5)	3.054552E+02	3.138594E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.806E+03	2.780E+02
PSDF EL STR	147	2161(7)	5.263919E+02	4.379567E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.471E+04	2.780E+02
PSDF EL STR	147	2162(3)	3.215228E+02	4.671285E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.009E+03	2.780E+02
PSDF EL STR	147	2162(5)	1.938473E+02	6.880577E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	6.453E+02	3.940E+02
PSDF EL STR	147	2162(7)	7.181243E+02	3.130153E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.723E+04	2.780E+02
PSDF EL STR	147	2163(3)	5.029094E+02	4.147382E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	5.540E+03	2.780E+02
PSDF EL STR	147	2163(5)	4.695877E+02	4.597451E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	5.235E-03	2.780E+02
PSDF EL STR	147	2163(7)	2.892420E+02	6.325544E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	9.438E+02	2.780E+02
PSDF EL STR	147	2164(3)	9.407640E+02	6.151252E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.462E+04	2.780E+02
PSDF EL STR	147	2164(5)	7.173145E+02	4.484274E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.115E+04	2.780E+02
PSDF EL STR	147	2164(7)	3.663779E+02	4.665468E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.493E+03	2.780E+02
PSDF EL STR	147	2165(3)	6.286376E+02	7.121289E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	8.145E+03	2.780E+02
PSDF EL STR	147	2165(5)	2.546903E+02	5.673358E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.458E+03	3.960E+02
PSDF EL STR	147	2165(7)	1.079870E+03	3.345132E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.824E+04	2.780E+02
PSDF EL STR	147	2616(3)	1.281967E+02	4.318070E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.065E+02	2.640E+02
PSDF EL STR	147	2616(5)	1.579737E+02	4.987070E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.368E-02	2.640E+02

Z AXIS PSD RESPONSE

X Y - O U T P U T S U M M A R Y (A U T O O R P S D F)

PLOT TYPE	CURVE TYPE	FRAME NO.	CURVE ID.	RMS VALUE	NC. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX
PSDF	EL STR	147	2616(7)	1.151875E+02	3.331866E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.688E+02	2.640E+02
PSDF	EL STR	147	2617(3)	1.506838E+02	4.109907E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.351E+02	2.620E+02
PSDF	EL STR	147	2617(5)	1.318283E+02	3.303092E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	5.119E+02	2.620E+02
PSDF	EL STR	147	2617(7)	5.971919E+01	3.534835E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.330E+02	2.620E+02
PSDF	EL STR	147	2618(3)	1.674257E+02	3.971342E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	5.221E+02	2.620E+02
PSDF	EL STR	147	2618(5)	1.243565E+02	3.710014E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.073E+02	2.620E+02
PSDF	EL STR	147	2618(7)	7.967070E+01	4.146234E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.269E+01	4.000E+02
PSDF	EL STR	147	2619(3)	8.093254E+01	4.057396E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.423E+01	2.620E+02
PSDF	EL STR	147	2619(5)	2.020919E+02	5.441996E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.796E+02	5.840E+02
PSDF	EL STR	147	2619(7)	1.144655E+02	4.190884E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.165E+02	4.000E+02
PSDF	EL STR	147	2621(3)	2.427984E+02	4.919805E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.168E+03	4.780E+02
PSDF	EL STR	147	2621(5)	4.367814E+02	4.861975E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.186E+03	4.780E+02
PSDF	EL STR	147	2621(7)	1.357675E+02	3.744403E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.212E+02	3.980E+02
PSDF	EL STR	147	2622(3)	2.095663E+02	4.637577E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	6.467E+02	2.620E+02
PSDF	EL STR	147	2622(5)	4.454320E+02	3.513949E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.615E+03	2.620E+02
PSDF	EL STR	147	2622(7)	1.971645E+02	3.238318E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.722E+03	2.620E+02
PSDF	EL STR	147	2625(3)	3.591035E+02	4.157515E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.038E-03	2.620E+02
PSDF	EL STR	147	2625(5)	3.960783E+02	3.898110E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.225E-03	2.620E+02
PSDF	EL STR	147	2625(7)	1.664990E+02	3.157061E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.057E+03	2.620E+02
PSDF	EL STR	147	2626(3)	3.803526E+02	3.418974E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.969E+03	2.620E+02
PSDF	EL STR	147	2626(5)	1.265561E+03	2.995323E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.127E-04	2.620E+02
PSDF	EL STR	147	2626(7)	2.449745E+02	2.927482E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.796E+03	2.620E+02
PSDF	EL STR	147	2627(3)	1.471055E+03	2.835899E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.035E+05	2.620E+02
PSDF	EL STR	147	2627(5)	4.375845E+03	2.822710E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.190E+05	2.620E+02

MARCH 5, 1996 MSC/NASTRAN 8/24/94 PAGE 109

EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)

Z AXIS PSD RESPONSE

X Y - O U T P U T S U M M A R Y (A U T O R P S D F)

PLOT TYPE	CURVE FRAME TYPE NO.	CURVE ID.	RMS VALUE	NC. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX	
PSDF	EL STR	147	2627(7)	2.905017E+02	3.307478E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.555E+03	2.620E+02
PSDF	EL STR	147	2628(3)	2.010555E+03	2.781155E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.997E+05	2.620E+02
PSDF	EL STR	147	2628(5)	2.631459E+03	2.805047E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.331E-05	2.620E+02
PSDF	EL STR	147	2628(7)	1.146773E+03	2.782362E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.525E-04	2.620E+02
PSDF	EL STR	147	2629(3)	6.233930E+02	3.070277E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.876E+04	2.620E+02
PSDF	EL STR	147	2629(5)	2.583093E+02	3.399377E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.681E+03	2.620E+02
PSDF	EL STR	147	2629(7)	8.797865E+01	3.079714E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.130E+02	2.620E+02
PSDF	EL STR	147	2630(3)	1.329745E+02	3.381164E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.911E-02	2.620E+02
PSDF	EL STR	147	2630(5)	1.184635E+02	5.350880E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.242E-02	5.080E+02
PSDF	EL STR	147	2630(7)	5.099805E+01	4.201219E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.116E+01	3.980E+02
PSDF	EL STR	147	2631(3)	1.330692E+02	5.156626E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.562E+02	5.120E+02
PSDF	EL STR	147	2631(5)	2.283600E+02	5.237964E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.249E-02	5.080E+02
PSDF	EL STR	147	2631(7)	1.047306E+02	4.438487E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.645E-02	2.620E+02
PSDF	EL STR	147	3202(3)	5.351441E+02	3.254185E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.393E+04	2.620E+02
PSDF	EL STR	147	3202(5)	5.849921E+02	3.220752E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.765E+03	2.620E+02
PSDF	EL STR	147	3202(7)	1.474922E+02	4.093504E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.349E+02	2.620E+02
PSDF	EL STR	147	3203(3)	1.124941E+03	2.756959E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.554E+04	2.620E+02
PSDF	EL STR	147	3203(5)	4.506182E+02	3.162359E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.184E+03	2.620E+02
PSDF	EL STR	147	3203(7)	8.478252E+01	4.454326E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.060E+02	2.640E+02
PSDF	EL STR	147	3204(3)	4.760609E+02	2.810134E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.154E+04	2.620E+02
PSDF	EL STR	147	3204(5)	3.576224E+02	3.433189E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.802E-03	2.620E+02
PSDF	EL STR	147	3204(7)	1.563425E+02	3.118303E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.192E+03	2.620E+02
PSDF	EL STR	147	3205(3)	3.141069E+02	2.979463E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.144E+04	2.620E+02
PSDF	EL STR	147	3205(5)	5.054119E+02	3.282806E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.018E+04	2.620E+02

Z AXIS PSD RESPONSE

X Y - O U T P U T S U M M A R Y (A U T O R P S D F)

PLOT TYPE	CURVE FRAME NC.	CURVE ID.	RMS VALUE	NC. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX
PSDF EL STR	147	3205(7)	2.557078E+02	3.413899E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.189E+03	2.620E+02
PSDF EL STR	147	3206(3)	4.104545E+02	3.201608E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.392E+03	2.620E+02
PSDF EL STR	147	3206(5)	6.392096E+02	2.765917E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.085E+04	2.620E+02
PSDF EL STR	147	3206(7)	9.866337E+01	4.245637E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.826E+02	4.020E+02
PSDF EL STR	147	3207(3)	1.996854E+02	4.499197E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.341E+02	4.000E+02
PSDF EL STR	147	3207(5)	5.710899E+02	2.882387E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.538E+04	2.620E+02
PSDF EL STR	147	3207(7)	9.565332E+01	5.829178E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.079E+02	5.980E+02
PSDF EL STR	147	2615(3)	7.984565E+02	3.034236E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.850E+04	2.620E+02
PSDF EL STR	147	2615(5)	4.533706E+02	2.894937E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.493E+03	2.620E+02
PSDF EL STR	147	2615(7)	4.135848E+02	2.989300E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.831E+03	2.620E+02
PSDF EL STR	147	2623(3)	4.501949E+02	3.624747E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.586E+03	2.620E+02
PSDF EL STR	147	2623(5)	4.169883E+02	3.323115E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.392E+03	2.620E+02
PSDF EL STR	147	2623(7)	2.430435E+02	3.231715E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.221E+03	2.620E+02
PSDF EL STR	147	2624(3)	1.107385E+03	2.710377E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.399E+04	2.620E+02
PSDF EL STR	147	2624(5)	6.022446E+02	3.125418E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.655E+04	2.620E+02
PSDF EL STR	147	2624(7)	4.233688E+02	2.764086E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.393E+03	2.620E+02
PSDF EL STR	147	20018(3)	2.753006E+02	5.042283E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.115E+02	2.780E+02
PSDF EL STR	147	20018(5)	5.453506E+01	4.277767E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.899E+01	2.780E+02
PSDF EL STR	147	20018(7)	1.298491E+02	5.064940E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.522E+02	2.680E+02
PSDF EL STR	147	20019(3)	4.791272E+02	4.992674E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.649E+03	2.780E+02
PSDF EL STR	147	20019(5)	2.612660E+01	4.948670E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.142E+00	2.620E+02
PSDF EL STR	147	20019(7)	2.240412E+02	3.792125E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.814E+03	1.480E+02
PSDF EL STR	147	20020(3)	2.885176E+02	5.632053E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.941E+02	2.600E+02
PSDF EL STR	147	20020(5)	1.891177E+02	4.135566E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.893E+03	1.480E+02

EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)

MARCH 5, 1996 MSC/NASTRAN 8/24/94 PAGE 111

Report 10515
1 Apr 96

Z AXIS PSD RESPONSE

XY-OUTPUT SUMMARY (AUTO OR PSDF)

PLOT TYPE	CURVE FRAME NO.	CURVE ID.	RMS VALUE	NC. POSITIVE CROSSINGS	MIN FOR ALL DATA	MAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX
PSDF EL STR	147	20020(7)	1.533641E+02	5.621185E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.146E+02	2.600E+02
PSDF EL STR	147	20021(3)	2.242617E+02	5.465938E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.694E+02	2.780E+02
PSDF EL STR	147	20021(5)	7.067332E+01	2.835844E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.420E+02	1.480E+02
PSDF EL STR	147	20021(7)	1.113606E+02	4.674908E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.310E+02	2.680E+02
PSDF EL STR	147	20022(3)	2.667033E+02	4.978804E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.023E+02	2.780E+02
PSDF EL STR	147	20022(5)	5.732973E+01	4.229991E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.387E+01	5.000E+02
PSDF EL STR	147	20022(7)	1.306943E+02	5.345626E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.291E+02	2.260E+02
PSDF EL STR	147	20023(3)	2.684691E+02	4.941227E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.474E+02	2.780E+02
PSDF EL STR	147	20023(5)	1.284890E+02	2.925584E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.079E+02	1.480E+02
PSDF EL STR	147	20023(7)	3.437738E+02	4.40977E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.050E+03	1.470E+02
PSDF EL STR	147	20024(3)	4.607205E+02	4.658173E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.646E+03	2.780E+02
PSDF EL STR	147	20024(5)	5.788907E+01	4.017603E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.497E+02	1.480E+02
PSDF EL STR	147	20024(7)	3.105252E+02	4.273935E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.031E+03	1.480E+02
PSDF EL STR	147	20025(3)	2.724117E+02	4.799888E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.197E+03	2.780E+02
PSDF EL STR	147	20025(5)	6.031264E+01	5.202376E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.425E+01	2.240E+02
PSDF EL STR	147	20025(7)	1.681383E+02	4.197582E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.597E+02	1.470E+02
PSDF EL STR	147	2226(3)	4.961655E+01	2.935035E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.246E+02	1.480E+02
PSDF EL STR	147	2226(5)	6.816832E+01	2.483909E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.979E+02	1.480E+02
PSDF EL STR	147	2226(7)	7.798827E+01	3.789535E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.394E+01	2.640E+02
PSDF EL STR	147	2227(3)	7.438377E+01	4.246427E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.285E+01	2.980E+02
PSDF EL STR	147	2227(5)	1.520369E+02	4.770075E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.118E+02	1.490E+02
PSDF EL STR	147	2227(7)	1.207823E+02	4.415836E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.265E+02	2.680E+02
PSDF EL STR	147	2070(3)	5.669567E+01	3.372521E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.327E+01	1.480E+02
PSDF EL STR	147	2070(5)	4.453343E+01	4.704059E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.999E+01	2.780E+02

Z AXIS PSD RESPONSE

X Y - O U T P U T S U M M A R Y (A C T O R P S D F)

PLT TYPE	CURVE FRAME NO.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX
PSDF EL STR	147	2070(7)	5.592527E+01	4.025203E+02	1.000E+01	2.000E+00	1.000E+01	8.325E-01	2.680E+02
PSDF EL STR	147	2089(3)	1.011519E+02	3.325005E+02	1.000E+01	2.000E+00	1.000E+01	2.112E-02	1.056E+02
PSDF EL STR	147	2089(5)	1.191590E+02	2.160828E+02	1.000E+01	2.000E+00	1.000E+01	1.187E+03	1.480E+02
PSDF EL STR	147	2089(7)	1.059771E+02	3.352892E+02	1.000E+01	2.000E+00	1.000E+01	2.144E+02	1.470E+02
PSDF EL STR	147	2090(3)	7.211539E+01	3.208503E+02	1.000E+01	2.000E+00	1.000E+01	1.560E+02	1.049E+02
PSDF EL STR	147	2090(5)	9.672839E+01	3.296790E+02	1.000E+01	2.000E+00	1.000E+01	5.390E+02	1.480E+02
PSDF EL STR	147	2090(7)	1.433527E+02	2.865433E+02	1.000E+01	2.000E+00	1.000E+01	1.219E+03	1.480E+02
PSDF EL STR	147	2091(3)	8.535673E+01	3.054036E+02	1.000E+01	2.000E+00	1.000E+01	2.415E+02	1.480E+02
PSDF EL STR	147	2091(5)	1.313899E+02	2.767477E+02	1.000E+01	2.000E+00	1.000E+01	4.728E+02	1.480E+02
PSDF EL STR	147	2091(7)	1.418036E+02	3.502101E+02	1.000E+01	2.000E+00	1.000E+01	1.026E+03	1.480E+02
PSDF EL STR	147	2092(3)	4.326177E+01	3.393198E+02	1.000E+01	2.000E+00	1.000E+01	2.748E+01	1.056E+02
PSDF EL STR	147	2092(5)	1.593657E+02	2.910781E+02	1.000E+01	2.000E+00	1.000E+01	4.888E+02	1.480E+02
PSDF EL STR	147	2092(7)	1.001857E+02	5.014235E+02	1.000E+01	2.000E+00	1.000E+01	2.189E+02	1.480E+02
PSDF EL STR	147	2093(3)	2.078057E+02	3.876647E+02	1.000E-01	2.000E+00	1.000E+01	8.990E+02	3.860E+02
PSDF EL STR	147	2093(5)	1.016202E+02	4.932140E+02	1.000E+01	2.000E+00	1.000E+01	8.065E+01	2.620E+02
PSDF EL STR	147	2093(7)	1.134810E+02	4.680435E+02	1.000E-01	2.000E+00	1.000E+01	1.273E-02	2.760E+02
PSDF EL STR	147	2094(3)	7.715614E+01	4.206320E+02	1.000E+01	2.000E+00	1.000E+01	2.277E+02	1.480E+02
PSDF EL STR	147	2094(5)	1.216237E+02	4.573537E+02	1.000E-01	2.000E+00	1.000E+01	1.318E+02	1.490E+02
PSDF EL STR	147	2094(7)	9.493253E+01	4.887625E+02	1.000E+01	2.000E+00	1.000E+01	8.479E+01	2.680E+02
PSDF EL STR	147	2095(3)	1.690843E+02	3.097566E+02	1.000E+01	2.000E+00	1.000E+01	5.969E-02	2.780E+02
PSDF EL STR	147	2095(5)	1.752854E+02	4.118928E+02	1.000E+01	2.000E+00	1.000E+01	6.570E+02	1.840E+02
PSDF EL STR	147	2095(7)	6.002530E+01	4.214855E+02	1.000E+01	2.000E+00	1.000E+01	2.085E+02	1.480E+02
PSDF EL STR	147	2096(3)	2.455555E+02	2.988416E+02	1.000E+01	2.000E+00	1.000E+01	1.820E+03	2.780E+02
PSDF EL STR	147	2096(5)	2.102945E+02	3.875747E+02	1.000E+01	2.000E+00	1.000E+01	6.838E+02	1.940E+02

EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)

MARCH 5, 1996 MSC/NASTRAN 8/24/94 PAGE 113

Z AXIS PSD RESPONSE

XY - O U T P U T S U M M A R Y (A U T C O R P S D F)

PLOT TYPE	CURVE TYPE	FRAME NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX
PSDF	EL STR	147	2095(7)	9.971655E+01	4.384586E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.454E+02	1.480E+02
PSDF	EL STR	147	2615(3)	7.984565E+02	3.034236E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.880E+04	2.620E+02
PSDF	EL STR	147	2615(5)	4.533706E+02	2.894937E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.493E+03	2.620E+02
PSDF	EL STR	147	2615(7)	4.135848E+02	2.989300E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.831E+03	2.620E+02
PSDF	EL STR	147	2616(3)	1.251967E+02	4.318070E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.065E+02	2.640E+02
PSDF	EL STR	147	2616(5)	1.579737E+02	4.987070E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.868E+02	2.640E+02
PSDF	EL STR	147	2616(7)	1.151875E+02	3.331866E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.688E+02	2.640E+02
PSDF	EL STR	147	2617(3)	1.506838E+02	4.109907E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.351E+02	2.620E+02
PSDF	EL STR	147	2617(5)	1.318283E+02	3.303092E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.119E+02	2.620E+02
PSDF	EL STR	147	2617(7)	5.971919E+01	3.534835E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.330E+02	2.620E+02
PSDF	EL STR	147	2618(3)	1.674257E+02	3.971342E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.221E+02	2.620E+02
PSDF	EL STR	147	2618(5)	1.249565E+02	3.710014E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.073E+02	2.620E+02
PSDF	EL STR	147	2618(7)	7.967070E+01	4.146234E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.289E+01	4.000E+02
PSDF	EL STR	147	2619(3)	9.093254E+01	4.057396E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.423E+01	2.620E+02
PSDF	EL STR	147	2619(5)	2.020919E+02	5.441996E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.796E+02	5.840E+02
PSDF	EL STR	147	2619(7)	1.144655E+02	4.190884E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.165E+02	4.000E+02
PSDF	EL STR	147	2621(3)	2.427984E+02	4.919805E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.168E+03	4.780E+02
PSDF	EL STR	147	2621(5)	4.387314E+02	4.861975E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.186E+03	4.780E+02
PSDF	EL STR	147	2621(7)	1.357675E+02	3.744403E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.212E+02	3.980E+02
PSDF	EL STR	147	2622(3)	2.095668E+02	4.637577E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.487E+02	2.620E+02
PSDF	EL STR	147	2622(5)	4.494320E+02	3.519949E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.615E+03	2.620E+02
PSDF	EL STR	147	2622(7)	1.971645E+02	3.238318E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.722E+03	2.620E+02
PSDF	EL STR	147	2623(3)	4.501949E+02	3.624747E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.564E+03	2.620E+02
PSDF	EL STR	147	2623(5)	4.169823E+02	3.323115E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.392E+03	2.620E+02

Z AXIS PSD RESPONSE

X Y - O U T P U T S U M M A R Y (A U T O R P S D F)

PLOT TYPE	CURVE FRAME NO.	CURVE ID.	RMS VALJE	NC. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX
PSDF EL STR	147	2623(7)	2.430435E+02	3.231715E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.221E+03	2.620E+02
PSDF EL STR	147	2624(3)	1.107385E+03	2.710377E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.399E+04	2.620E+02
PSDF EL STR	147	2624(5)	6.022446E+02	3.125418E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.655E+04	2.620E+02
PSDF EL STR	147	2624(7)	4.233668E+02	2.764086E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.303E+03	2.620E+02
PSDF EL STR	147	2625(3)	3.591035E+02	4.157515E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.068E+03	2.620E+02
PSDF EL STR	147	2625(5)	3.960783E+02	3.899110E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.225E+03	2.620E+02
PSDF EL STR	147	2625(7)	1.664990E+02	3.157061E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.057E+03	2.620E+02
PSDF EL STR	147	2626(3)	3.903526E+02	3.418974E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.969E+03	2.620E+02
PSDF EL STR	147	2626(5)	1.265561E+03	2.995323E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.127E+04	2.620E+02
PSDF EL STR	147	2626(7)	2.449745E+02	2.927482E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.796E+03	2.620E+02
PSDF EL STR	147	2627(3)	1.471055E+03	2.835889E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.035E+05	2.620E+02
PSDF EL STR	147	2627(5)	4.375845E+03	2.822710E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.190E+05	2.620E+02
PSDF EL STR	147	2627(7)	2.905017E+02	3.307478E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.555E+03	2.620E+02
PSDF EL STR	147	2628(3)	2.010555E+03	2.781151E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.997E+05	2.620E+02
PSDF EL STR	147	2628(5)	2.631459E+03	2.805047E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.331E+05	2.620E+02
PSDF EL STR	147	2628(7)	1.146773E+03	2.782362E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.525E+04	2.620E+02
PSDF EL STR	147	2629(3)	6.233930E+02	3.070277E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.876E+04	2.620E+02
PSDF EL STR	147	2629(5)	2.583093E+02	3.399377E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.681E+03	2.620E+02
PSDF EL STR	147	2629(7)	8.797865E+01	3.079714E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.180E+02	2.620E+02
PSDF EL STR	147	2630(3)	1.329745E+02	3.381164E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.911E+02	2.620E+02
PSDF EL STR	147	2630(5)	1.184635E+02	5.350880E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.242E+02	5.080E+02
PSDF EL STR	147	2630(7)	5.099805E+01	4.201219E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.116E+01	3.980E+02
PSDF EL STR	147	2631(3)	1.330692E+02	5.156626E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.562E+02	5.120E+02
PSDF EL STR	147	2631(5)	2.283600E+02	5.237964E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.249E+02	5.080E+02

EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)

MARCH 5, 1996 MSC/NASTRAN 8/24/94 PAGE 115

Z AXIS PSD RESPONSE

XY - O U T P U T S U M M A R Y (A U T O O R P S D F)

PLOT TYPE	CURVE FRAME NO.	CURVE ID.	RMS VALUE	NC. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX
PSDF EL STR	147	2631(7)	1.047305E+02	4.438487E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.645E-02	2.620E+02
PSDF EL STR	147	3202(3)	5.381441E+02	3.254185E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.353E+04	2.620E+02
PSDF EL STR	147	3202(5)	3.849921E+02	3.220752E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	6.765E-03	2.620E+02
PSDF EL STR	147	3202(7)	1.474922E+02	4.093804E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	5.349E+02	2.620E+02
PSDF EL STR	147	3203(3)	1.124941E+03	2.756959E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	6.534E+04	2.620E+02
PSDF EL STR	147	3203(5)	4.506182E+02	3.162359E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	9.134E-03	2.620E+02
PSDF EL STR	147	3203(7)	3.478252E+01	4.454326E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.060E-02	2.640E+02
PSDF EL STR	147	3204(3)	4.780609E+02	2.810134E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.154E-04	2.620E+02
PSDF EL STR	147	3204(5)	3.576224E+02	3.433189E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.802E-03	2.620E+02
PSDF EL STR	147	3204(7)	1.563425E+02	3.118303E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.192E-03	2.620E+02
PSDF EL STR	147	3205(3)	8.141069E+02	2.979463E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.144E+04	2.620E+02
PSDF EL STR	147	3205(5)	5.064119E+02	3.282806E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.018E-04	2.620E+02
PSDF EL STR	147	3205(7)	2.557078E+02	3.413899E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.169E+03	2.620E+02
PSDF EL STR	147	3206(3)	4.104545E+02	3.201608E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.392E+03	2.620E+02
PSDF EL STR	147	3206(5)	6.392096E+02	2.765917E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.085E+04	2.620E+02
PSDF EL STR	147	3206(7)	9.866357E+01	4.245637E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.826E+02	4.020E+02
PSDF EL STR	147	3207(3)	1.996854E+02	4.499197E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	6.341E+02	4.000E+02
PSDF EL STR	147	3207(5)	5.710899E+02	2.882387E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.588E-04	2.620E+02
PSDF EL STR	147	3207(7)	9.565332E+01	5.829178E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.079E+02	5.980E+02
PSDF EL STR	147	3196(3)	3.111232E+02	3.637623E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.194E+03	2.620E+02
PSDF EL STR	147	3196(5)	3.846162E+02	3.138741E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	5.766E-03	2.620E+02
PSDF EL STR	147	3196(7)	1.820292E+02	3.262927E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.522E+03	2.620E+02
PSDF EL STR	147	3197(3)	4.273002E+02	3.580100E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	6.879E+03	2.620E+02
PSDF EL STR	147	3197(5)	3.558430E+02	3.379168E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.410E+03	2.620E+02

EOS/AMSU-A2 STRUCTURAL MODEL
 QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)

MARCH 5, 1996 MSC/NASTRAN 8/24/94 PAGE 116

Z AXIS PSD RESPONSE

X Y - O U T P U T S U M M A R Y (A U T O R P S D F)

PLOT TYPE	CURVE FRAME NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	YMAX FOR ALL DATA	X FOR YMIN	X FOR YMAX
PSDF EL STR	147	3197(7)	2.030324E+02	3.068836E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.959E+03	2.620E+02
PSDF EL STR	147	3198(3)	4.591395E+02	3.720947E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	6.421E+03	2.620E+02
PSDF EL STR	147	3198(5)	2.681007E+02	3.823268E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.311E+03	2.620E+02
PSDF EL STR	147	3198(7)	9.823608E+01	4.402233E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.225E+02	2.620E+02
PSDF EL STR	147	3199(3)	2.654867E+02	3.873521E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.352E+03	2.620E+02
PSDF EL STR	147	3199(5)	2.016192E+02	3.871376E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.836E+02	4.020E+02
PSDF EL STR	147	3199(7)	6.995050E+01	5.035759E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.610E+01	4.780E+02
PSDF EL STR	147	3200(3)	4.192583E+02	3.652256E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.742E+03	2.620E+02
PSDF EL STR	147	3200(5)	2.107897E+02	4.090667E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.012E-03	4.020E+02
PSDF EL STR	147	3200(7)	1.610504E+02	4.013260E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.072E+02	2.620E+02
PSDF EL STR	147	3201(3)	3.455772E+02	4.390945E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.435E+03	4.000E+02
PSDF EL STR	147	3201(5)	1.929137E+02	4.388279E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.013E+02	4.020E+02
PSDF EL STR	147	3201(7)	1.555653E+02	4.584812E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.383E+02	4.780E+02
PSDF EL STR	147	2249(3)	1.937110E+02	4.798472E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.853E+02	4.760E+02
PSDF EL STR	147	2249(5)	3.383185E+02	3.380434E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.369E+03	2.620E+02
PSDF EL STR	147	2249(7)	1.549620E+02	3.729569E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.974E+02	2.620E+02
PSDF EL STR	147	2250(3)	8.306943E+02	3.046802E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.093E+04	2.620E+02
PSDF EL STR	147	2250(5)	2.547165E+02	3.216318E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.314E-03	2.620E+02
PSDF EL STR	147	2250(7)	1.718737E+02	3.312865E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.214E-03	2.620E+02
PSDF EL STR	147	2251(3)	9.993237E+02	3.001861E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.753E+04	2.620E+02
PSDF EL STR	147	2251(5)	4.778615E+02	2.837352E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.163E+04	2.620E+02
PSDF EL STR	147	2251(7)	1.462110E+02	3.230839E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.465E+02	2.620E+02
PSDF EL STR	147	2252(3)	3.117624E+02	3.770418E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.922E+03	2.620E+02
PSDF EL STR	147	2252(5)	7.113253E+02	2.695315E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.681E+04	2.620E+02

EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)

MARCH 5, 1996 MSC/NASTRAN 6/24/94 PAGE 117

Report 10515
1 Apr 96

Z AXIS PSD RESPONSE

PLOT TYPE		CURVE ID.		X Y - O U T P U T S U M M A R Y (A U T O O R P S D F)										X FOR YMIN		YMAX FOR ALL DATA		X FOR YMAX	
				RMS VALJE		NO. POSITIVE CROSSINGS		XMIN FOR ALL DATA		XMAX FOR ALL DATA		YMIN FOR ALL DATA							
PSDF	EL STR	147	2252(7)	2.022623E+02		2.818460E+02		1.000E-01		2.000E+03		0.000E+00		1.000E+01		2.032E+03		2.620E+02	
PSDF	EL STR	147	2253(3)	1.625643E+02		3.280446E+02		1.000E-01		2.000E+03		0.000E+00		1.000E+01		9.240E+02		2.620E+02	
PSDF	EL STR	147	2253(5)	3.348766E+02		3.271652E+02		1.000E-01		2.000E+03		0.000E+00		1.000E+01		4.564E+03		2.620E+02	
PSDF	EL STR	147	2253(7)	3.990215E+02		2.894133E+02		1.000E-01		2.000E+03		0.000E+00		1.000E+01		7.301E+03		2.620E+02	
PSDF	EL STR	147	2255(3)	2.329487E+02		2.877474E+02		1.000E-01		2.000E+03		0.000E+00		1.000E+01		2.494E+03		2.620E+02	
PSDF	EL STR	147	2255(5)	1.213619E+02		2.846100E+02		1.000E-01		2.000E+03		0.000E+00		1.000E+01		6.999E+02		2.620E+02	
PSDF	EL STR	147	2255(7)	4.494102E+02		2.804916E+02		1.000E-01		2.000E+03		0.000E+00		1.000E+01		1.034E+04		2.620E+02	
PSDF	EL STR	147	2256(3)	2.941709E+02		4.745309E+02		1.000E+01		2.000E+03		0.000E+00		1.000E+01		2.543E+03		4.640E+02	
PSDF	EL STR	147	2256(5)	3.478743E+02		4.855100E+02		1.000E-01		2.000E+03		0.000E+00		1.000E+01		2.557E+03		4.640E+02	
PSDF	EL STR	147	2256(7)	4.858663E+02		2.825555E+02		1.000E-01		2.000E+03		0.000E+00		1.000E+01		1.215E+04		2.620E+02	
PSDF	EL STR	147	21745(3)	2.331393E+02		2.554913E+02		1.000E+01		2.000E+03		0.000E+00		1.000E+01		1.387E+03		2.220E+02	
PSDF	EL STR	147	21745(5)	1.738473E+02		4.136576E+02		1.000E+01		2.000E+03		0.000E+00		1.000E+01		9.119E+02		2.200E+02	
PSDF	EL STR	147	21745(7)	1.822031E+02		2.939241E+02		1.000E-01		2.000E+03		0.000E+00		1.000E+01		7.196E+02		2.220E+02	
PSDF	EL STR	147	21675(3)	1.870180E+02		4.144944E+02		1.000E-01		2.000E+03		0.000E+00		1.000E+01		4.545E+02		3.840E+02	
PSDF	EL STR	147	21675(5)	1.507489E+02		4.882448E+02		1.000E-01		2.000E+03		0.000E+00		1.000E+01		3.479E+02		3.840E+02	
PSDF	EL STR	147	21675(7)	1.363676E+02		4.226213E+02		1.000E-01		2.000E+03		0.000E+00		1.000E+01		3.185E+02		1.940E+02	
PSDF	EL STR	147	21679(3)	3.693409E+02		3.844727E+02		1.000E+01		2.000E+03		0.000E+00		1.000E+01		2.780E+03		1.940E+02	
PSDF	EL STR	147	21679(5)	7.503285E+01		4.514468E+02		1.000E-01		2.000E+03		0.000E+00		1.000E+01		5.338E+01		5.840E+02	
PSDF	EL STR	147	21679(7)	8.44611E+01		4.195294E+02		1.000E-01		2.000E+03		0.000E+00		1.000E+01		1.587E+02		3.840E+02	
PSDF	EL STR	147	21749(3)	3.639561E+02		3.882185E+02		1.000E-01		2.000E+03		0.000E+00		1.000E+01		2.471E+03		1.940E+02	
PSDF	EL STR	147	21749(5)	6.454613E+01		4.708171E+02		1.000E+01		2.000E+03		0.000E+00		1.000E+01		7.829E+01		5.840E+02	
PSDF	EL STR	147	21749(7)	7.277658E+01		4.151466E+02		1.000E-01		2.000E+03		0.000E+00		1.000E+01		1.029E+02		3.840E+02	
PSDF	EL STR	147	21672(3)	8.863831E+01		3.631688E+02		1.000E-01		2.000E+03		0.000E+00		1.000E+01		1.258E+02		1.940E+02	
PSDF	EL STR	147	21672(5)	2.585761E+02		3.721912E+02		1.000E-01		2.000E+03		0.000E+00		1.000E+01		1.935E+03		1.940E+02	

EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)

MARCH 5, 1996 MSC/NASTRAN 8/24/94 PAGE 118

Z AXIS PSD RESPONSE

X Y - O U T P U T S U M M A R Y (A U T C O R P S D F)

PLOT TYPE	CURVE FRAME NO.	CURVE ID.	RMS VALUE	NC. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX
PSDF EL STR	147	21672(7)	4.113585E+01	4.300162E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.116E+01	1.480E+02
PSDF EL STR	147	21742(3)	6.608437E+01	4.013459E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.192E+01	1.940E+02
PSDF EL STR	147	21742(5)	2.202859E+02	3.822228E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.477E+03	1.940E+02
PSDF EL STR	147	21742(7)	4.378535E+01	4.742623E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.349E+01	3.880E+02
PSDF EL STR	147	21783(3)	2.693403E+02	2.364994E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.540E+03	1.940E+02
PSDF EL STR	147	21783(5)	2.661172E+02	2.488302E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.341E+03	1.940E+02
PSDF EL STR	147	21783(7)	4.832348E+01	4.155015E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	5.649E+01	1.940E+02
PSDF EL STR	147	21713(3)	2.631548E+02	2.603362E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.469E+03	1.940E+02
PSDF EL STR	147	21713(5)	2.549016E+02	2.593846E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.343E-03	1.940E+02
PSDF EL STR	147	21713(7)	5.113898E+01	4.979500E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.440E+01	5.820E+02
PSDF EL STR	147	21041(3)	1.278304E+03	3.389230E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.833E+04	1.480E+02
PSDF EL STR	147	21041(5)	1.140099E+03	2.557325E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.525E+04	1.480E+02
PSDF EL STR	147	21041(7)	1.767173E+02	5.317903E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.917E+02	3.840E+02
PSDF EL STR	147	21042(3)	1.731858E+03	3.371146E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.820E+05	1.480E+02
PSDF EL STR	147	21042(5)	2.104294E+02	5.067622E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.503E+02	2.220E+02
PSDF EL STR	147	21042(7)	6.535079E+02	2.495450E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.522E+04	1.480E+02
PSDF EL STR	147	21043(3)	5.164064E+02	3.082503E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.740E+04	1.480E+02
PSDF EL STR	147	21043(5)	2.025289E+02	3.712049E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.783E+03	1.480E+02
PSDF EL STR	147	21043(7)	3.689059E+02	2.507846E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.089E+04	1.480E+02
PSDF EL STR	147	21044(3)	1.759028E+02	2.324322E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.504E+03	1.480E+02
PSDF EL STR	147	21044(5)	7.240255E+01	4.766790E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.632E+02	3.880E+02
PSDF EL STR	147	21044(7)	3.828597E+02	2.195777E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.260E+04	1.480E+02
PSDF EL STR	147	21045(3)	1.761573E+02	5.630545E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.482E+02	5.180E+02
PSDF EL STR	147	21045(5)	4.168707E+02	2.832367E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.020E+04	1.480E+02

EOS/AMSU-A2 STRUCTURAL MODEL

QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)

MARCH 5, 1996 MSC/NASTRAN

3/24/94 PAGE 119

2 AXIS PSD RESPONSE

X Y - O U T P U T S U M M A R Y (A U T O O R P S D F)										
PLOT TYPE	CURVE FRAME TYPE	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX
PSDF	EL STR	21045(7)	7.015580E+02	2.330362E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.049E+04	1.480E+02
PSDF	EL STR	21046(3)	2.947833E+02	5.147865E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.291E+03	1.480E+02
PSDF	EL STR	21046(5)	4.713823E+02	2.907703E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.559E+04	1.480E+02
PSDF	EL STR	21046(7)	3.957325E+02	3.509795E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.375E+03	1.480E+02
PSDF	EL STR	21047(3)	3.602819E+01	4.163336E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.046E+02	1.480E+02
PSDF	EL STR	21047(5)	4.106020E+02	2.135217E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.474E+04	1.480E+02
PSDF	EL STR	21047(7)	2.079982E+02	3.140648E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.433E+03	1.480E+02
PSDF	EL STR	21048(3)	3.487800E+02	1.821403E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.164E+04	1.480E+02
PSDF	EL STR	21048(5)	4.753897E+02	2.045426E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.801E+04	1.480E+02
PSDF	EL STR	21048(7)	4.907104E+02	1.835565E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.122E+04	1.480E+02
PSDF	EL STR	21049(3)	2.724403E+03	1.851914E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.680E+05	1.480E+02
PSDF	EL STR	21049(5)	5.930209E+02	2.506322E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.634E+04	1.480E+02
PSDF	EL STR	21049(7)	5.515275E+02	1.732261E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.613E+04	1.480E+02
PSDF	EL STR	21050(3)	1.475813E+03	1.773483E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.960E+05	1.480E+02
PSDF	EL STR	21050(5)	1.649554E+03	1.800888E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.476E+05	1.480E+02
PSDF	EL STR	21050(7)	4.723213E+02	2.431864E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.802E+04	1.480E+02
PSDF	EL STR	21410(3)	2.677776E+02	4.507312E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.539E+03	1.480E+02
PSDF	EL STR	21410(5)	7.581979E+02	4.875437E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.294E+04	3.880E+02
PSDF	EL STR	21410(7)	1.944144E+02	3.296343E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.453E+03	1.480E+02
PSDF	EL STR	21409(3)	3.277417E+02	2.740292E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.706E+03	1.480E+02
PSDF	EL STR	21409(5)	3.425087E+02	1.836403E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.115E+04	1.480E+02
PSDF	EL STR	21409(7)	2.310015E+02	3.257959E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.020E+03	1.480E+02
PSDF	EL STR	21425(3)	4.850775E+02	2.401469E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.938E+04	1.480E+02
PSDF	EL STR	21425(5)	4.163533E+02	2.059095E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.497E+04	1.480E+02

Z AXIS PSD RESPONSE

X Y - O U T P U T S U M M A R Y (A U T C O R P S D F)

PLOT TYPE	CURVE FRAME NC.	CURVE ID.	RMS VALUE	NC. POSITIVE CROSSINGS	XMIN FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX
PSDF EL STR	147	21425(7)	4.299490E+02	2.091500E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.472E+04 1.480E+02
PSDF EL STR	147	21426(3)	3.437807E+02	3.485835E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.394E+03 1.480E+02
PSDF EL STR	147	21426(5)	1.302734E+02	2.569628E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.322E+03 1.480E+02
PSDF EL STR	147	21426(7)	8.276005E+01	4.297413E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.557E+02 3.900E+02
PSDF EL STR	147	21427(3)	3.772435E+02	4.267758E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.321E+03 1.480E+02
PSDF EL STR	147	21427(5)	1.410350E+02	3.378043E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.297E+03 1.480E+02
PSDF EL STR	147	21427(7)	6.111437E+01	4.649097E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.471E+02 3.900E+02
PSDF EL STR	147	21428(3)	5.385173E+02	4.014427E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.235E+04 1.480E+02
PSDF EL STR	147	21428(5)	2.597581E+02	3.364258E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.882E+03 1.480E+02
PSDF EL STR	147	21428(7)	1.159574E+02	3.613127E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.930E+02 1.480E+02
PSDF EL STR	147	21429(3)	5.350221E+02	4.028660E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.059E+04 1.480E+02
PSDF EL STR	147	21429(5)	2.078490E+02	3.693072E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.860E-03 1.480E+02
PSDF EL STR	147	21429(7)	1.032779E+02	4.098811E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.970E+02 1.480E+02
PSDF EL STR	147	21430(3)	4.112093E+02	4.403828E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	8.883E+03 3.880E+02
PSDF EL STR	147	21430(5)	1.241121E+02	4.491044E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	6.842E+02 3.880E+02
PSDF EL STR	147	21430(7)	1.030644E+02	4.332611E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.022E+02 1.480E+02
PSDF EL STR	147	21431(3)	4.291077E+02	4.490459E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.219E+04 3.880E+02
PSDF EL STR	147	21431(5)	1.568952E+02	3.704436E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	9.509E+02 3.880E+02
PSDF EL STR	147	21431(7)	9.098049E+01	5.309123E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.633E+02 5.240E+02
PSDF EL STR	147	21432(3)	2.463666E+02	4.760342E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.419E+03 3.880E+02
PSDF EL STR	147	21432(5)	6.207980E+02	4.592257E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.417E+04 3.880E+02
PSDF EL STR	147	21432(7)	2.511515E+02	3.809799E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.092E+03 1.480E+02
PSDF EL STR	147	21241(3)	1.034483E+03	1.671100E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.062E+05 1.480E+02
PSDF EL STR	147	21241(5)	1.269349E+03	1.722387E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.583E-05 1.480E+02

EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)

MARCH 5, 1996 MSC/NASTRAN 8/24/94 PAGE 121

Report 10515
1 Apr 96

Z AXIS PSD RESPONSE

X Y - O C T P J T S U M M A R Y (A U T G O R P S D F)										
PLOT TYPE	CURVE FRAME TYPE	CURVE ID.	RMS VALUE	NC. POSITIVE CROSSINGS	XMIN FCR ALL DATA	XMAX FCR ALL DATA	YMIN FCR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX
PSDF EL STR	147	21241(7)	9.468762E+02	1.734378E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	8.647E+04	1.480E+02
PSDF EL STR	147	21242(3)	1.761137E+03	1.698437E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.033E+05	1.480E+02
PSDF EL STR	147	21242(5)	3.432472E+02	3.465968E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.445E+03	2.220E+02
PSDF EL STR	147	21242(7)	1.357151E+03	1.676573E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.317E+05	1.480E+02
PSDF EL STR	147	21243(3)	8.570594E+02	1.653047E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.282E+04	1.480E+02
PSDF EL STR	147	21243(5)	7.235428E+02	1.720392E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	5.134E+04	1.480E+02
PSDF EL STR	147	21243(7)	6.448321E+02	1.669820E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.151E+04	1.480E+02
PSDF EL STR	147	21244(3)	1.173727E+02	3.604557E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	8.093E+02	1.480E+02
PSDF EL STR	147	21244(5)	5.359216E+02	2.052536E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.579E+04	1.480E+02
PSDF EL STR	147	21244(7)	2.009644E+02	3.313132E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.441E+03	1.480E+02
PSDF EL STR	147	21245(3)	3.471991E+02	2.681539E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	9.436E+03	1.480E+02
PSDF EL STR	147	21245(5)	4.847774E+02	2.537315E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.897E+04	1.480E+02
PSDF EL STR	147	21245(7)	2.646143E+02	3.810862E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.314E+03	1.470E+02
PSDF EL STR	147	21246(3)	2.134463E+02	3.311711E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.213E+03	1.480E+02
PSDF EL STR	147	21246(5)	4.558104E+02	2.074986E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.858E+04	1.480E+02
PSDF EL STR	147	21246(7)	6.465253E+02	1.948330E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.886E+04	1.480E+02
PSDF EL STR	147	21247(3)	9.919671E+01	3.310241E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.901E+02	1.480E+02
PSDF EL STR	147	21247(5)	9.534203E+01	3.762768E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.401E+02	3.980E+02
PSDF EL STR	147	21247(7)	3.359524E+02	2.129129E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.023E+04	1.480E+02
PSDF EL STR	147	21248(3)	4.795138E+02	3.084036E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.264E+04	1.480E+02
PSDF EL STR	147	21248(5)	2.477372E+02	3.102565E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.453E+03	1.480E+02
PSDF EL STR	147	21248(7)	3.993187E+02	2.257608E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.433E+04	1.480E+02
PSDF EL STR	147	21249(3)	1.469783E+03	3.333329E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.013E+05	1.480E+02
PSDF EL STR	147	21249(5)	2.869529E+02	3.159148E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	6.251E+03	1.480E+02

Z AXIS PSD RESPONSE

X Y - O U T P U T S U M M A R Y (A U T O R P S D F)

PLOT TYPE	CURVE FRAME NO.	CURVE ID.	RMS VALUE	NC. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX
PSDF EL STR	147	21249(7)	3.154470E+02	2.019825E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	6.042E+04	1.480E+02
PSDF EL STR	147	21250(3)	1.151743E+03	2.370010E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.038E+05	1.480E+02
PSDF EL STR	147	21250(5)	1.099561E+03	3.376159E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.483E+04	1.480E+02
PSDF EL STR	147	21250(7)	2.308869E+02	4.350099E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.423E+03	1.480E+02
PSDF EL STR	147	21339(3)	2.633336E+03	1.614722E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.865E+05	1.480E+02
PSDF EL STR	147	21339(5)	4.846241E+02	1.707862E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.325E+04	1.480E+02
PSDF EL STR	147	21339(7)	6.725638E+02	2.034395E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.239E+04	1.480E+02
PSDF EL STR	147	21340(3)	3.231661E+02	3.319883E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	5.639E+03	1.480E+02
PSDF EL STR	147	21340(5)	1.071534E+03	3.792188E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.448E+04	3.960E+02
PSDF EL STR	147	21340(7)	1.315063E+02	3.364677E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.066E-03	1.480E+02
PSDF EL STR	147	21355(3)	3.049385E+03	1.660064E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	9.174E+05	1.480E+02
PSDF EL STR	147	21355(5)	1.446968E+03	1.647614E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.069E+05	1.480E+02
PSDF EL STR	147	21355(7)	6.647430E+02	1.735329E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.309E+04	1.480E+02
PSDF EL STR	147	21356(3)	3.961089E+02	2.687856E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.194E+04	1.480E+02
PSDF EL STR	147	21356(5)	2.759827E+02	2.002334E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	6.617E-03	1.480E+02
PSDF EL STR	147	21356(7)	3.220380E+02	2.177422E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	8.988E+03	1.480E+02
PSDF EL STR	147	21357(3)	5.011534E+02	3.058788E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.590E+04	1.480E+02
PSDF EL STR	147	21357(5)	2.996808E+02	2.094359E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.550E+03	1.480E+02
PSDF EL STR	147	21357(7)	1.365355E+02	4.389881E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.603E+02	3.920E+02
PSDF EL STR	147	21358(3)	9.310986E+02	2.939886E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	5.993E+04	1.480E+02
PSDF EL STR	147	21358(5)	4.366168E+02	2.363377E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.564E+04	1.480E+02
PSDF EL STR	147	21358(7)	1.569645E+02	4.326176E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.771E+02	3.900E+02
PSDF EL STR	147	21359(3)	8.184417E+02	3.246913E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.890E+04	1.480E+02
PSDF EL STR	147	21359(5)	3.565015E+02	2.708076E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	9.376E+03	1.480E+02

EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)

MARCH 5, 1996 MSC/KASTRAN 8/24/94 PAGE 123

Z AXIS PSD RESPONSE

X Y - O U T P U T S U M M A R Y (A U T C O R P S D F)

PLOT TYPE	CURVE FRAME NO.	CURVE ID.	RMS VALUE	NC. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX
PSDF EL STR	147	21359(7)	2.784523E+02	2.217101E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	6.489E+03	1.480E+02
PSDF EL STR	147	21360(3)	4.342483E+02	4.135558E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.320E+04	3.940E+02
PSDF EL STR	147	21360(5)	1.759946E+02	3.711744E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.210E+03	3.940E+02
PSDF EL STR	147	21360(7)	2.434650E+02	2.430556E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.629E+03	1.480E+02
PSDF EL STR	147	21361(3)	5.757363E+02	4.074894E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.134E+04	3.940E+02
PSDF EL STR	147	21361(5)	1.753246E+02	3.960764E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.758E+03	3.960E+02
PSDF EL STR	147	21361(7)	3.065830E+02	2.547257E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	6.983E+03	1.480E+02
PSDF EL STR	147	21362(3)	4.631060E+02	3.489048E+02	1.000E-01	2.000E+03	0.000E-00	1.000E+01	9.928E+03	1.480E+02
PSDF EL STR	147	21362(5)	1.210190E+03	3.445903E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.154E+04	1.480E+02
PSDF EL STR	147	21362(7)	5.926774E+02	2.682137E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.482E+04	1.480E+02
PSDF EL STR	147	22742(3)	1.198945E+02	4.418468E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.769E+02	5.060E+02
PSDF EL STR	147	22742(5)	4.438344E+01	4.896206E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.074E+01	5.040E+02
PSDF EL STR	147	22742(7)	2.229038E+02	4.252657E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.979E+02	2.620E+02
PSDF EL STR	147	22743(3)	4.292137E+01	5.312063E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.188E+01	5.060E+02
PSDF EL STR	147	22743(5)	7.569199E+01	4.373006E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.169E+02	2.620E+02
PSDF EL STR	147	22743(7)	1.364569E+02	3.716854E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.994E+02	3.840E+02
PSDF EL STR	147	22744(3)	3.990600E+01	5.425777E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.063E+01	5.080E+02
PSDF EL STR	147	22744(5)	5.821697E+01	4.518000E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.496E+01	2.600E+02
PSDF EL STR	147	22744(7)	1.235500E+02	3.832451E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.184E+02	3.840E+02
PSDF EL STR	147	22745(3)	1.255075E+02	4.371071E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.875E+02	3.840E+02
PSDF EL STR	147	22745(5)	2.468149E+01	4.729562E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	5.384E+00	5.060E+02
PSDF EL STR	147	22745(7)	9.714627E+01	3.531670E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.777E+02	2.620E+02
PSDF EL STR	147	22840(3)	6.501099E+02	4.524134E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.309E+03	3.840E+02
PSDF EL STR	147	22840(5)	7.665098E+02	4.978287E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.095E+04	4.800E+02

Z AXIS PSD RESPONSE

X Y - O U T P U T S U M M A R Y (A U T O O R P S D F)

PLOT TYPE	CURVE FRAME NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	YMIN FOR ALL DATA	K FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX
PSDF EL STR	147	22840(7)	5.556176E+02	4.277820E+02	1.000E-01	0.000E+00	1.000E+01	4.962E+03	3.840E+02
PSDF EL STR	147	22801(3)	5.168006E+02	3.531344E+02	1.000E-01	0.000E+00	1.000E+01	8.579E+03	2.620E+02
PSDF EL STR	147	22801(5)	6.479772E+02	3.877249E+02	1.000E-01	0.000E+00	1.000E+01	4.467E+03	2.980E+02
PSDF EL STR	147	22801(7)	9.867264E+02	4.193691E+02	1.000E-01	0.000E+00	1.000E+01	1.703E+04	2.620E+02
PSDF EL STR	147	2541(2)	9.946154E+02	4.972455E+02	1.000E-01	0.000E+00	1.000E+01	1.857E+04	1.640E+02
PSDF EL STR	147	2541(6)	2.819566E+01	6.162326E+02	1.000E-01	0.000E+00	1.000E+01	5.749E+00	2.980E+02
PSDF EL STR	147	2541(12)	9.773323E+02	4.914806E+02	1.000E-01	0.000E+00	1.000E+01	1.829E+04	1.640E+02
PSDF EL STR	147	2597(2)	2.968859E+03	3.658663E+02	1.000E-01	0.000E+00	1.000E+01	2.294E+05	2.780E+02
PSDF EL STR	147	2597(6)	4.488631E+01	5.033069E+02	1.000E-01	0.000E+00	1.000E+01	4.016E+01	2.780E+02
PSDF EL STR	147	2597(12)	2.571300E+03	4.219543E+02	1.000E-01	0.000E+00	1.000E+01	1.209E+05	2.780E+02
PSDF EL STR	147	2700(2)	3.265837E+03	3.515438E+02	1.000E-01	0.000E+00	1.000E+01	2.613E+05	2.780E+02
PSDF EL STR	147	2700(6)	3.053598E+01	3.883740E+02	1.000E-01	0.000E+00	1.000E+01	2.042E+01	2.780E+02
PSDF EL STR	147	2700(12)	6.257415E+02	2.516508E+02	1.000E-01	0.000E+00	1.000E+01	7.311E-03	2.780E+02
PSDF EL STR	147	2716(2)	5.043674E+02	4.805677E+02	1.000E-01	0.000E+00	1.000E+01	3.629E+03	2.700E+02
PSDF EL STR	147	2716(6)	9.311924E+01	3.779831E+02	1.000E-01	0.000E+00	1.000E+01	1.760E+02	3.860E+02
PSDF EL STR	147	2716(12)	2.627973E+02	3.278391E+02	1.000E-01	0.000E+00	1.000E+01	1.865E+03	1.470E+02
PSDF EL STR	147	2819(2)	8.941781E+01	3.949229E+02	1.000E-01	0.000E+00	1.000E+01	1.368E+02	3.860E+02
PSDF EL STR	147	2819(6)	7.734991E+01	3.553196E+02	1.000E-01	0.000E+00	1.000E+01	1.080E+02	3.860E+02
PSDF EL STR	147	2819(12)	7.395036E+01	4.207315E+02	1.000E-01	0.000E+00	1.000E+01	1.054E+02	3.860E+02
PSDF EL STR	147	3302(2)	3.185670E+03	4.452242E+02	1.000E-01	0.000E+00	1.000E+01	4.668E+05	1.820E+02
PSDF EL STR	147	3302(6)	1.699040E+01	4.068826E+02	1.000E-01	0.000E+00	1.000E+01	7.715E+00	2.760E+02
PSDF EL STR	147	3302(12)	1.315583E+03	8.320911E+02	1.000E-01	0.000E+00	1.000E+01	1.877E+04	1.018E+03
PSDF EL STR	147	3304(2)	2.191774E+03	4.444927E+02	1.000E-01	0.000E+00	1.000E+01	2.434E+05	1.820E+02
PSDF EL STR	147	3304(6)	5.940831E+01	4.395563E+02	1.000E-01	0.000E+00	1.000E+01	6.266E+01	3.860E+02

EOS/AMSU-A2 STRUCTURAL MODEL
QUANT. LEVEL RANDOM VIBRATION (9.97 GRMS)

MARCH 5, 1995 MSC/NASTRAN 8/24/94 PAGE 125

Z AXIS PSD RESPONSE

XY - C U T P U T S U M M A R Y (A U T O O R P S D F)

PLOT TYPE	CURVE FRAME NC.	RMS VALUE	NC. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX
PSDF EL STR	147	3304(12)	2.012240E+03	4.234716E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.702E+05
PSDF EL STR	147	3307(2)	3.367350E+02	4.361202E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.290E+03
PSDF EL STR	147	3307(6)	3.240673E+01	6.759389E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	6.569E+00
PSDF EL STR	147	3307(12)	7.128648E+01	4.878519E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.094E+02
PSDF EL STR	147	9980(2)	1.100729E+03	2.861121E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.495E+04
PSDF EL STR	147	9980(6)	1.797515E+01	4.605199E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.252E+00
PSDF EL STR	147	9980(12)	4.054111E+02	3.631357E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.962E+03
PSDF EL STR	147	9982(2)	6.098340E+02	3.395865E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.222E+04
PSDF EL STR	147	9982(6)	6.869478E+01	5.156265E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.999E+01
PSDF EL STR	147	9982(12)	8.467725E+02	4.085075E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.365E+04
PSDF EL STR	147	9999(2)	1.702985E+03	3.696637E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.016E+04
PSDF EL STR	147	9999(6)	9.112334E+01	6.769150E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	5.653E+01
PSDF EL STR	147	9999(12)	9.250407E+02	3.361157E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.582E+04
PSDF EL STR	147	22530(3)	6.675373E+02	4.366314E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	9.755E+03
PSDF EL STR	147	22530(5)	2.789255E+02	4.369753E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.030E+03
PSDF EL STR	147	22530(7)	3.564559E+02	4.488820E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.665E+03
PSDF EL STR	147	22581(3)	1.906727E+02	4.669448E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.616E+02
PSDF EL STR	147	22581(5)	8.292319E+01	4.288202E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.354E+02
PSDF EL STR	147	22581(7)	9.606361E+01	3.565450E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.493E+02
PSDF EL STR	147	22535(3)	4.197669E+02	4.138907E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.443E+03
PSDF EL STR	147	22535(5)	2.465419E+02	4.921555E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.372E+03
PSDF EL STR	147	22535(7)	3.305088E+02	4.238271E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	9.830E+02
PSDF EL STR	147	22536(3)	7.833312E+02	4.084034E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.226E+04
PSDF EL STR	147	22536(5)	2.858053E+02	3.989015E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.788E+03

Z AXIS PSD RESPONSE

XY - O U T P U T S U M M A R Y (A U T O O R P S D F)

<div> <div> PLOT TYPE</div> <div>CURVE FRAME NC.</div> </div> <div>CURVE ID.</div>	RMS VALJE	NC. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX
PSDF EL STR 147 22536(7)	3.553465E+02	4.519578E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.595E+03	5.060E+02
PSDF EL STR 147 22580(3)	6.883706E+02	4.312042E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.215E+04	1.049E+02
PSDF EL STR 147 22580(5)	1.171128E+02	4.579619E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.811E+02	5.060E+02
PSDF EL STR 147 22580(7)	1.700411E+02	3.249350E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.000E+03	1.056E+02
PSDF EL STR 147 22541(3)	3.092307E+02	3.898601E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.619E+03	1.049E+02
PSDF EL STR 147 22541(5)	2.686552E+02	4.760533E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.360E+03	4.040E+02
PSDF EL STR 147 22541(7)	3.709669E+02	3.843394E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.693E+03	3.180E+02
PSDF EL STR 147 22542(3)	4.374309E+02	3.854656E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.295E+03	1.053E+02
PSDF EL STR 147 22542(5)	1.944075E+02	3.786885E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.221E+03	1.043E+02
PSDF EL STR 147 22542(7)	3.157599E+02	3.716317E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.685E+03	3.860E+02
PSDF EL STR 147 22579(3)	4.950222E+02	3.753542E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.971E+03	1.056E+02
PSDF EL STR 147 22579(5)	6.588737E+01	4.784303E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.812E+01	5.040E+02
PSDF EL STR 147 22579(7)	1.545413E+02	4.151613E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.942E+02	1.056E+02
PSDF EL STR 147 22593(3)	7.763898E+02	3.777010E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.432E+04	1.056E+02
PSDF EL STR 147 22593(5)	2.732215E+01	4.968857E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.317E+00	4.040E+02
PSDF EL STR 147 22593(7)	1.608765E+02	4.672422E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.137E+03	3.900E+02
PSDF EL STR 147 22594(3)	9.717957E+02	3.984153E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.711E+04	1.049E+02
PSDF EL STR 147 22594(5)	1.641505E+02	4.366694E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.918E+02	3.880E+02
PSDF EL STR 147 22594(7)	1.522793E+02	4.618128E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.427E+02	3.900E+02
PSDF EL STR 147 22547(3)	1.936187E+02	4.054981E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.144E+02	1.049E+02
PSDF EL STR 147 22547(5)	2.975964E+02	4.377752E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.137E+03	4.020E+02
PSDF EL STR 147 22547(7)	3.367941E+02	3.915764E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.396E+03	3.880E+02
PSDF EL STR 147 22548(3)	1.451381E+02	4.434120E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.856E+02	3.880E+02
PSDF EL STR 147 22543(5)	1.975292E+02	4.026092E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.519E+02	1.049E+02

EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)

Z AXIS PSD RESPONSE

XY - O U T P U T S U M M A R Y (A U T O R P S D F)

EOS/AMSU-A2 STRUCTURAL MODEL QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)												
Z AXIS PSD RESPONSE												
XY - O U T P U T S U M M A R Y (A U T O O R P S D F)												
PLOT CURVE FRAME		CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR		XMAX FOR		YMIN FOR		YMAX FOR	
TYPE	NC.				ALL DATA	ALL DATA	ALL DATA	ALL DATA	ALL DATA	ALL DATA		
PSDF	EL STR 147	22548(7)	3.278357E+02	3.757349E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.711E+03	3.860E+02		
PSDF	EL STR 147	22584(3)	4.651936E+01	4.136239E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.550E+01	2.620E+02		
PSDF	EL STR 147	22584(5)	3.768387E+02	4.618775E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.555E+03	5.020E+02		
PSDF	EL STR 147	22584(7)	1.056734E+02	3.289961E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.688E+02	1.056E+02		
PSDF	EL STR 147	22587(3)	7.990561E+01	3.802924E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.286E+02	2.620E+02		
PSDF	EL STR 147	22587(5)	1.602441E+02	4.365088E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.644E+02	5.060E+02		
PSDF	EL STR 147	22587(7)	9.450131E+01	3.558750E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.596E+02	2.620E+02		
PSDF	EL STR 147	22588(3)	1.659584E+02	3.843414E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.321E+02	2.620E+02		
PSDF	EL STR 147	22588(5)	1.063882E+02	3.949541E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.767E+02	3.840E+02		
PSDF	EL STR 147	22588(7)	2.623977E+02	3.916475E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.111E+03	2.620E+02		
PSDF	EL STR 147	22605(3)	1.819474E+02	4.116658E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.744E+02	2.620E+02		
PSDF	EL STR 147	22605(5)	9.198097E+00	4.613592E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.745E+00	2.620E+02		
PSDF	EL STR 147	22605(7)	3.373223E+01	4.082690E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.114E+01	3.880E+02		
PSDF	EL STR 147	22628(3)	1.959804E+02	4.231510E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.824E+02	3.860E+02		
PSDF	EL STR 147	22628(5)	1.325360E+01	4.703467E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.259E+00	3.860E+02		
PSDF	EL STR 147	22628(7)	6.056613E+01	3.940215E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.265E+01	3.880E+02		
PSDF	EL STR 147	22637(3)	1.601532E+02	4.218123E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.594E+02	3.860E+02		
PSDF	EL STR 147	22637(5)	9.514351E+01	4.202391E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.250E+02	3.840E+02		
PSDF	EL STR 147	22637(7)	6.419830E+01	4.546787E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.977E+01	4.740E+02		
PSDF	EL STR 147	22638(3)	1.062402E+02	4.308167E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.037E+02	3.860E+02		
PSDF	EL STR 147	22638(5)	1.077425E+02	4.247670E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.923E+02	3.860E+02		
PSDF	EL STR 147	22638(7)	2.460099E+02	4.187765E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.614E+02	3.860E+02		
PSDF	EL STR 147	22705(3)	1.602865E+02	2.750663E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.357E+02	1.049E+02		
PSDF	EL STR 147	22705(5)	5.740213E+01	4.838135E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.226E+01	1.470E+02		

Z AXIS PSD RESPONSE

X Y - O U T P U T S U M M A R Y (A U T O O R P S D F)

PLOT TYPE	CURVE FRAME TYPE	NC.	CURVE ID.	RMS VALUE	NC. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX
PSDF	EL STR	147	22705(7)	7.295006E+01	2.482277E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.879E+02	1.480E+02
PSDF	EL STR	147	22706(3)	1.957573E+02	4.077510E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.904E+02	1.049E+02
PSDF	EL STR	147	22706(5)	1.018453E+02	4.615403E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.782E+02	1.480E+02
PSDF	EL STR	147	22706(7)	3.315375E+02	2.351960E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.417E+03	1.480E+02
PSDF	EL STR	147	22654(3)	2.747509E+02	3.019255E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.619E+03	1.480E+02
PSDF	EL STR	147	22654(5)	5.324906E+01	4.400946E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.444E+02	1.480E+02
PSDF	EL STR	147	22654(7)	5.169945E+01	4.572798E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.427E+01	2.760E+02
PSDF	EL STR	147	22655(3)	1.686900E+02	3.837130E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.674E-02	1.056E+02
PSDF	EL STR	147	22655(5)	5.799934E+01	5.466198E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.801E+01	2.780E+02
PSDF	EL STR	147	22655(7)	9.110072E+01	1.991707E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.522E+02	1.480E+02
PSDF	EL STR	147	22658(3)	5.141357E+01	3.623794E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.571E-01	1.480E+02
PSDF	EL STR	147	22658(5)	3.994634E+01	5.056945E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.005E+01	2.780E+02
PSDF	EL STR	147	22658(7)	2.433709E+01	4.266500E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.719E+01	1.470E+02
PSDF	EL STR	147	22689(3)	5.560756E+02	3.591163E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.488E+03	1.480E+02
PSDF	EL STR	147	22689(5)	1.419819E+02	3.970356E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.412E+02	1.470E+02
PSDF	EL STR	147	22689(7)	3.814029E+02	1.994428E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.345E+04	1.480E+02
PSDF	EL STR	147	22688(3)	3.898416E+02	3.649972E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.029E-03	1.480E+02
PSDF	EL STR	147	22688(5)	1.702114E+02	3.750165E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.086E+02	1.480E+02
PSDF	EL STR	147	22688(7)	2.018197E+02	3.672220E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.563E+03	1.480E+02
PSDF	EL STR	147	22687(3)	5.541330E+02	3.240970E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.072E-04	1.480E+02
PSDF	EL STR	147	22687(5)	3.919253E+01	4.369465E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.986E-01	1.470E+02
PSDF	EL STR	147	22687(7)	1.770943E+02	2.591364E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.323E+03	1.480E+02
PSDF	EL STR	147	22702(3)	9.995595E+01	3.331648E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.463E+02	1.480E+02
PSDF	EL STR	147	22702(5)	4.177601E+01	4.514566E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.127E+01	1.470E+02

EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)

MARCH 5, 1996 MSC/NASTRAN 8/24/94 PAGE 129

Z AXIS PSD RESPONSE

X Y - O U T P U T S U M M A R Y (A U T O R P S D F)

PLOT TYPE	CURVE TYPE	FRAME NO.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX
PSDF	EL STR	147	22702(7)	5.761094E+01	2.188864E+02	1.000E+01	2.000E+00	1.000E+01	2.916E-02	1.480E+02
PSDF	EL STR	147	22407(3)	5.761627E+02	3.382615E+02	1.000E+01	2.000E+00	1.000E+01	1.391E-04	1.480E+02
PSDF	EL STR	147	22407(5)	2.476546E+02	5.678506E+02	1.000E+01	2.000E+00	1.000E+01	5.736E-02	1.480E+02
PSDF	EL STR	147	22407(7)	1.287713E+02	4.603018E+02	1.000E+01	2.000E+00	1.000E+01	2.275E+02	3.860E+02
PSDF	EL STR	147	22686(3)	8.104485E+02	3.318027E+02	1.000E+01	2.000E+00	1.000E+01	2.295E-04	1.480E+02
PSDF	EL STR	147	22686(5)	1.774519E+02	3.944427E+02	1.000E+01	2.000E+00	1.000E+01	1.211E-03	1.480E+02
PSDF	EL STR	147	22686(7)	2.828398E+02	5.256310E+02	1.000E+01	2.000E+00	1.000E+01	1.509E-03	5.200E-02
PSDF	EL STR	147	22372(3)	2.546652E+02	3.307539E+02	1.000E+01	2.000E+00	1.000E+01	4.157E+03	1.480E+02
PSDF	EL STR	147	22372(5)	2.293883E+02	4.266615E+02	1.000E+01	2.000E+00	1.000E+01	2.301E+03	1.480E+02
PSDF	EL STR	147	22372(7)	3.108581E+02	4.456674E+02	1.000E+01	2.000E+00	1.000E+01	1.059E-03	5.200E+02
PSDF	EL STR	147	22371(3)	4.181564E+02	3.514374E+02	1.000E+01	2.000E+00	1.000E+01	8.193E+03	1.480E+02
PSDF	EL STR	147	22371(5)	2.512016E+02	4.112781E+02	1.000E+01	2.000E+00	1.000E+01	9.726E+02	1.480E+02
PSDF	EL STR	147	22371(7)	2.174789E+02	4.232554E+02	1.000E+01	2.000E+00	1.000E+01	6.565E+02	2.240E+02
PSDF	EL STR	147	22351(3)	2.056738E+02	5.331198E+02	1.000E+01	2.000E+00	1.000E+01	5.860E+02	5.220E+02
PSDF	EL STR	147	22351(5)	2.458198E+02	5.451776E+02	1.000E+01	2.000E+00	1.000E+01	1.098E+03	5.220E+02
PSDF	EL STR	147	22351(7)	1.246534E+02	4.575896E+02	1.000E+01	2.000E+00	1.000E+01	1.704E+02	2.240E+02
PSDF	EL STR	147	22379(3)	2.022921E+02	4.985176E+02	1.000E+01	2.000E+00	1.000E+01	4.823E+02	2.780E+02
PSDF	EL STR	147	22379(5)	1.746185E+02	4.814594E+02	1.000E+01	2.000E+00	1.000E+01	5.343E+02	3.860E+02
PSDF	EL STR	147	22379(7)	1.241080E+02	4.596476E+02	1.000E+01	2.000E+00	1.000E+01	2.944E+02	1.056E+02
PSDF	EL STR	147	26416(3)	1.318451E+02	4.328489E+02	1.000E+01	2.000E+00	1.000E+01	4.911E+02	2.780E+02
PSDF	EL STR	147	26416(5)	6.960095E+01	4.336262E+02	1.000E+01	2.000E+00	1.000E+01	2.607E+02	1.480E+02
PSDF	EL STR	147	26416(7)	8.728461E+01	4.619554E+02	1.000E+01	2.000E+00	1.000E+01	1.542E+02	2.980E+02
PSDF	EL STR	147	26417(3)	1.133791E+02	4.729509E+02	1.000E+01	2.000E+00	1.000E+01	1.569E+02	2.680E+02
PSDF	EL STR	147	26417(5)	1.337812E+02	3.460583E+02	1.000E+01	2.000E+00	1.000E+01	5.723E+02	2.760E+02

Z AXIS PSD RESPONSE

X Y - O U T P U T S U M M A R Y (A U T O R P S D F)

PLOT TYPE	CURVE TYPE	FRAME NC.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMN FOR ALL DATA	YMN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX
PSDF	EL STR	147	26417(7)	6.591103E+01	4.824238E+02	1.000E+01	0.000E+00	1.000E+01	8.947E+01	3.000E+02
PSDF	EL STR	147	26418(3)	1.008644E+02	4.246320E+02	1.000E+01	0.000E+00	1.000E+01	1.884E+02	2.780E+02
PSDF	EL STR	147	26419(5)	7.847074E+01	3.939108E+02	1.000E+01	0.000E+00	1.000E+01	1.249E+02	3.860E+02
PSDF	EL STR	147	26419(7)	7.827995E+01	4.220150E+02	1.000E+01	0.000E+00	1.000E+01	1.839E+02	2.760E+02
PSDF	EL STR	147	26419(2)	6.196741E+02	5.975903E+02	1.000E+01	0.000E+00	1.000E+01	7.336E+03	5.240E+02
PSDF	EL STR	147	26419(6)	2.942247E+01	3.994849E+02	1.000E+01	0.000E+00	1.000E+01	2.705E+01	2.220E+02
PSDF	EL STR	147	26419(12)	9.123489E+02	3.940582E+02	1.000E+01	0.000E+00	1.000E+01	2.292E+04	2.760E+02
PSDF	EL STR	147	26420(2)	3.935895E+02	4.140121E+02	1.000E+01	0.000E+00	1.000E+01	2.101E+04	2.760E+02
PSDF	EL STR	147	26420(6)	3.505984E+01	4.845572E+02	1.000E+01	0.000E+00	1.000E+01	2.356E+01	1.480E+02
PSDF	EL STR	147	26420(12)	7.344600E+02	5.307470E+02	1.000E+01	0.000E+00	1.000E+01	5.734E+03	4.980E+02
PSDF	EL STR	147	26421(3)	7.772572E+01	4.436388E+02	1.000E+01	0.000E+00	1.000E+01	1.453E+02	1.480E+02
PSDF	EL STR	147	26421(5)	4.701627E+01	4.214654E+02	1.000E+01	0.000E+00	1.000E+01	5.733E+01	2.760E+02
PSDF	EL STR	147	26421(7)	8.707936E+01	4.735278E+02	1.000E+01	0.000E+00	1.000E+01	1.754E+02	2.760E+02
PSDF	EL STR	147	26422(3)	8.707407E+01	3.627745E+02	1.000E+01	0.000E+00	1.000E+01	1.407E+02	2.220E+02
PSDF	EL STR	147	26422(5)	9.164645E+01	4.872285E+02	1.000E+01	0.000E+00	1.000E+01	1.219E+02	2.680E+02
PSDF	EL STR	147	26422(7)	9.805951E+01	5.604066E+02	1.000E+01	0.000E+00	1.000E+01	1.383E+02	2.980E+02
PSDF	EL STR	147	26423(3)	1.021335E+02	3.745258E+02	1.000E+01	0.000E+00	1.000E+01	2.249E+02	2.760E+02
PSDF	EL STR	147	26423(5)	1.453389E+02	4.727123E+02	1.000E+01	0.000E+00	1.000E+01	4.741E+02	1.470E+02
PSDF	EL STR	147	26423(7)	3.253208E+01	4.769750E+02	1.000E+01	0.000E+00	1.000E+01	2.070E+02	2.980E+02
PSDF	EL STR	147	26424(3)	9.912727E+01	4.852253E+02	1.000E+01	0.000E+00	1.000E+01	1.853E+02	3.000E+02
PSDF	EL STR	147	26424(5)	5.265660E+01	4.143240E+02	1.000E+01	0.000E+00	1.000E+01	6.707E+01	1.480E+02
PSDF	EL STR	147	26424(7)	9.995119E+01	4.128432E+02	1.000E+01	0.000E+00	1.000E+01	2.370E+02	2.980E+02
PSDF	EL STR	147	26425(3)	7.260270E+01	5.983150E+02	1.000E+01	0.000E+00	1.000E+01	7.469E+01	2.780E+02
PSDF	EL STR	147	26425(5)	8.608537E+01	8.576019E+02	1.000E+01	0.000E+00	1.000E+01	4.037E+01	3.000E+02

EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)

MARCH 5, 1996 MSC/NASTRAN 8/24/94 PAGE 131

Z AXIS PSD RESPONSE

X Y - O U T S U M M A R Y (A U T C O R P S D F)

PLOT TYPE	CURVE FRAME NO.	CURVE ID.	RMS VALUE	NC. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX
PSDF EL STR	147	26425(7)	7.958069E+01	3.479471E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.510E+02	2.980E+02
PSDF EL STR	147	26426(3)	8.319100E+01	5.689508E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	8.693E+01	3.960E+02
PSDF EL STR	147	26426(5)	8.813213E+01	6.535065E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	8.109E-01	2.680E+02
PSDF EL STR	147	26426(7)	8.262231E+01	3.993438E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.648E-02	2.980E+02
PSDF EL STR	147	26427(3)	1.685795E+02	4.832594E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.202E+02	3.000E+02
PSDF EL STR	147	26427(5)	1.774831E+02	3.817256E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	6.018E-02	2.700E+02
PSDF EL STR	147	26427(7)	1.477715E+02	2.980400E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.106E+03	2.700E+02
PSDF EL STR	147	26428(3)	2.295612E+02	3.792102E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.667E+03	2.680E+02
PSDF EL STR	147	26428(5)	5.149037E+02	2.907877E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.151E+04	2.720E+02
PSDF EL STR	147	26428(7)	8.338214E+01	3.545289E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.320E+02	2.660E+02
PSDF EL STR	147	26429(3)	1.390927E+02	5.031539E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.609E+02	3.000E+02
PSDF EL STR	147	26429(5)	5.829401E+01	4.311331E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	5.523E+01	1.480E+02
PSDF EL STR	147	26429(7)	1.530075E+02	3.254066E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.713E-02	2.780E+02
PSDF EL STR	147	26430(2)	5.350651E+02	4.837636E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.521E+03	2.720E+02
PSDF EL STR	147	26430(6)	5.958150E+01	4.388772E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.936E-01	2.780E+02
PSDF EL STR	147	26430(12)	5.441986E+02	4.229146E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.435E+03	1.480E+02
PSDF EL STR	147	26431(2)	5.617827E+02	4.229360E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.842E+03	1.480E+02
PSDF EL STR	147	26431(6)	4.019387E+01	4.122295E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.049E+01	2.780E+02
PSDF EL STR	147	26431(12)	5.902512E+02	3.277216E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.511E+04	1.480E+02
PSDF EL STR	147	26432(2)	1.098277E+03	4.621468E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.269E+04	2.780E+02
PSDF EL STR	147	26432(6)	4.011733E+01	6.049619E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.377E+01	2.680E+02
PSDF EL STR	147	26432(12)	4.954659E+02	5.358719E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.281E-03	2.700E+02
PSDF EL STR	147	26433(2)	5.019685E+02	5.311965E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.791E+03	2.700E+02
PSDF EL STR	147	26433(6)	3.823613E+01	5.090752E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.038E+01	2.780E+02

Z AXIS PSD RESPONSE

XY-OUTPUT SUMMARY (AUTORPSDF)

PLOT TYPE	CURVE FRAME NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FCR YMIN	YMAX FOR ALL DATA	X FOR* YMAX
PSDF EL STR	147	26433(12)	5.422932E+02	4.743900E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	8.109E+03	2.760E+02
PSDF EL STR	147	26434(2)	1.355951E+03	3.447399E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.712E+04	2.700E+02
PSDF EL STR	147	26434(6)	1.159642E+02	5.146520E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.198E+02	2.780E+02
PSDF EL STR	147	26434(12)	4.870361E+02	5.074341E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.732E+03	2.680E+02
PSDF EL STR	147	26435(2)	6.819387E+02	4.519886E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.093E+04	2.680E+02
PSDF EL STR	147	26435(6)	1.024175E+02	4.187481E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.904E+02	2.780E+02
PSDF EL STR	147	26435(12)	1.234611E+03	3.961777E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.864E+04	2.760E+02
PSDF EL STR	147	26436(3)	6.615828E+01	4.359435E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	5.492E+01	2.880E+02
PSDF EL STR	147	26436(5)	1.250749E+02	3.255693E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	5.190E+02	2.780E+02
PSDF EL STR	147	26436(7)	6.358047E+01	4.128928E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.070E+01	2.760E+02
PSDF EL STR	147	26437(3)	4.020361E+01	5.432421E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.563E+01	1.056E+02
PSDF EL STR	147	26437(5)	1.209439E+02	3.594362E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.617E+02	2.780E+02
PSDF EL STR	147	26437(7)	6.187978E+01	4.630322E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.077E+01	2.800E+02
PSDF EL STR	147	26438(3)	4.843177E+01	5.500176E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.650E+01	1.780E+02
PSDF EL STR	147	26438(5)	1.177916E+02	3.290289E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.962E+02	2.780E+02
PSDF EL STR	147	26438(7)	5.194812E+01	4.513193E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.040E+01	2.760E+02
PSDF EL STR	147	26439(3)	1.167439E+02	3.779965E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.762E+02	2.760E+02
PSDF EL STR	147	26439(5)	6.650607E+01	4.508501E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	9.902E+01	2.680E+02
PSDF EL STR	147	26439(7)	5.783004E+01	3.534397E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	8.879E+01	2.780E+02
PSDF EL STR	147	26440(3)	1.359874E+02	3.295162E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.268E+02	2.780E+02
PSDF EL STR	147	26440(5)	1.029135E+02	7.425065E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.555E+02	2.680E+02
PSDF EL STR	147	26440(7)	6.013337E+01	4.990967E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	5.094E+01	2.680E+02
PSDF EL STR	147	26441(3)	2.309982E+02	9.083260E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.916E+02	1.022E+03
PSDF EL STR	147	26441(5)	2.009569E+02	6.419913E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	6.652E+02	2.680E+02

EOS/AMBU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (3.57 GRMS)

Z AXIS PSD RESPONSE

XY - O U T P U T S U M M A R Y (A U T C O R P S D F)

PLOT TYPE	CURVE TYPE	FRAME NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX
PSDF	EL STR	147	26441(7)	6.570653E+01	7.862972E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.562E+01	1.022E+03
PSDF	EL STR	147	26442(3)	1.076525E+02	9.220714E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.810E+02	1.024E+03
PSDF	EL STR	147	26442(5)	1.698209E+02	4.224803E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.780E+02	2.780E+02
PSDF	EL STR	147	26442(7)	5.892213E+01	4.670699E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.709E+01	2.980E+02
PSDF	EL STR	147	26443(3)	5.904707E+01	7.238166E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.511E+01	2.680E+02
PSDF	EL STR	147	26443(5)	1.138007E+02	3.680492E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.363E+02	2.780E+02
PSDF	EL STR	147	26443(7)	5.91734E+01	5.659055E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.840E+01	2.680E+02
PSDF	EL STR	147	26444(3)	1.192420E+02	9.186472E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.151E+02	1.022E+03
PSDF	EL STR	147	26444(5)	1.289783E+02	3.736514E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.144E+02	3.000E+02
PSDF	EL STR	147	26444(7)	5.512833E+01	4.796358E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.500E+01	2.680E+02
PSDF	EL STR	147	26445(3)	9.722150E+01	7.484175E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.130E+02	2.680E+02
PSDF	EL STR	147	26445(5)	1.277460E+02	4.443211E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.061E+02	3.000E+02
PSDF	EL STR	147	26445(7)	7.341883E+01	4.121759E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.239E+02	2.780E+02
PSDF	EL STR	147	26446(3)	8.701974E+01	9.290646E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.027E+02	1.024E+03
PSDF	EL STR	147	26446(5)	1.263512E+02	3.466631E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.063E+02	3.000E+02
PSDF	EL STR	147	26446(7)	6.539574E+01	5.071180E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.140E+01	2.800E+02
PSDF	EL STR	147	26447(3)	5.761225E+01	7.918510E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.932E+01	2.680E+02
PSDF	EL STR	147	26447(5)	9.943623E+01	4.527617E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.371E+02	3.000E+02
PSDF	EL STR	147	26447(7)	5.212026E+01	5.652611E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.473E+02	2.980E+02
PSDF	EL STR	147	26448(3)	1.617505E+02	3.866513E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.507E+02	3.000E+02
PSDF	EL STR	147	26448(5)	1.299657E+02	9.439313E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.325E+02	1.024E+03
PSDF	EL STR	147	26448(7)	6.618874E+01	5.301828E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.743E+01	2.980E+02
PSDF	EL STR	147	26449(3)	5.621206E+01	5.920646E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.516E+01	3.000E+02
PSDF	EL STR	147	26449(5)	1.174039E+02	8.492123E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.599E+02	3.000E+02

Z AXIS PSD RESPONSE

X Y - O U T P U T S U M M A R Y (A U T C O R P S D F)

PLOT TYPE	CURVE TYPE	FRAME NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX
PSDF	EL STR	147	26449(7)	8.495253E+01	7.732586E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.813E+01	2.680E+02
PSDF	EL STR	147	26450(3)	1.515166E+02	4.210746E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.995E+02	2.760E+02
PSDF	EL STR	147	26450(5)	4.746414E+02	3.601187E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.726E+03	2.760E+02
PSDF	EL STR	147	26450(7)	7.064655E+01	4.042489E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.749E+02	2.740E+02
PSDF	EL STR	147	26451(3)	3.830034E+02	3.354832E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.529E+03	2.760E+02
PSDF	EL STR	147	26451(5)	4.858890E+02	3.396376E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.456E+03	2.760E+02
PSDF	EL STR	147	26451(7)	6.161662E+01	4.363919E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.188E+02	2.760E+02
PSDF	EL STR	147	26452(3)	1.370125E+02	3.550976E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.785E+02	1.480E+02
PSDF	EL STR	147	26452(5)	1.285900E+02	4.540559E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.008E+02	2.780E+02
PSDF	EL STR	147	26452(7)	6.060324E+01	4.516151E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.985E+01	1.049E+02
PSDF	EL STR	147	26453(3)	6.563260E+01	5.603809E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.035E+01	2.760E+02
PSDF	EL STR	147	26453(5)	2.386353E+02	3.714784E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.231E+03	2.760E+02
PSDF	EL STR	147	26453(7)	1.002458E+02	3.625993E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.311E+02	2.740E+02
PSDF	EL STR	147	26454(3)	1.163092E+02	5.692565E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.189E+02	2.760E+02
PSDF	EL STR	147	26454(5)	1.452697E+02	4.036997E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.715E+02	1.480E+02
PSDF	EL STR	147	26454(7)	1.028883E+02	3.849646E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.386E+02	2.760E+02
PSDF	EL STR	147	26455(3)	2.541368E+02	3.104459E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.957E+03	2.760E+02
PSDF	EL STR	147	26455(5)	1.708026E+02	4.073260E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.705E+02	2.700E+02
PSDF	EL STR	147	26455(7)	6.295609E+01	5.459384E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.407E+01	2.980E+02
PSDF	EL STR	147	26456(3)	1.006183E+02	5.870898E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.288E+02	2.780E+02
PSDF	EL STR	147	26456(5)	1.036876E+02	5.353065E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.146E+02	1.480E+02
PSDF	EL STR	147	26456(7)	8.993944E+01	3.873278E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.482E+02	2.780E+02
PSDF	EL STR	147	26457(3)	1.406669E+02	4.205988E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.763E+02	2.980E+02
PSDF	EL STR	147	26457(5)	1.794155E+02	4.275498E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.779E+02	2.780E+02

Z AXIS PSD RESPONSE

X Y - O U T P U T S U M M A R Y (A U T O R P S D F)

PLOT TYPE	CURVE FRAME NO.	CURVE ID.	RMS VALJE	NC. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX
PSDF EL STR	147	26457(7)	6.759454E+01	4.740592E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.895E+01	2.680E+02
PSDF EL STR	147	26458(3)	4.500145E+02	4.242301E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.456E+03	2.760E+02
PSDF EL STR	147	26459(5)	2.810755E+02	4.530876E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.676E+03	2.980E+02
PSDF EL STR	147	26458(7)	6.951331E+01	6.078450E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.137E+02	2.680E+02
PSDF EL STR	147	26459(3)	1.305841E+02	4.825834E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.459E+02	2.980E+02
PSDF EL STR	147	26459(5)	1.135845E+02	5.930834E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.142E+02	1.490E+02
PSDF EL STR	147	26459(7)	8.132140E+01	4.347578E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.060E+02	2.780E+02
PSDF EL STR	147	26460(3)	9.702456E+01	6.180025E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.465E+02	2.980E+02
PSDF EL STR	147	26460(5)	3.330450E+02	5.320338E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.359E+03	2.980E+02
PSDF EL STR	147	26460(7)	1.098091E+02	5.451552E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.278E+02	2.680E+02
PSDF EL STR	147	26461(3)	2.206012E+02	5.748939E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.323E+03	2.980E+02
PSDF EL STR	147	26461(5)	1.420412E+02	5.930133E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.995E+02	2.760E+02
PSDF EL STR	147	26461(7)	5.102223E+01	6.524612E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.170E+01	2.680E+02
PSDF EL STR	147	26462(3)	3.056457E+02	5.983380E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.020E+03	5.200E+02
PSDF EL STR	147	26462(5)	3.260736E+02	5.806320E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.564E+03	5.200E+02
PSDF EL STR	147	26462(7)	1.420839E+02	6.286850E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.118E+02	5.220E+02
PSDF EL STR	147	26463(3)	2.454097E+02	4.230518E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.199E+03	2.980E+02
PSDF EL STR	147	26463(5)	3.416638E+02	5.162968E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.123E+03	5.160E+02
PSDF EL STR	147	26463(7)	8.4E4330E+01	6.179259E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.765E+02	2.780E+02
PSDF EL STR	147	26464(3)	1.428200E+02	5.148387E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.132E+02	2.760E+02
PSDF EL STR	147	26464(5)	9.932402E+01	4.983433E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.231E+02	2.780E+02
PSDF EL STR	147	26464(7)	6.901151E+01	4.295298E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.412E+02	2.980E+02
PSDF EL STR	147	26465(3)	2.057399E+02	5.947040E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.392E+02	5.140E+02
PSDF EL STR	147	26465(5)	3.837043E+02	4.496652E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.283E+03	3.000E+02

Z AXIS PSD RESPONSE

XY - O U T P U T S U M M A R Y (A U T C O R P S D F)

PLOT TYPE	CURVE FRAME NC.	CURVE ID.	RMS VALJE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX
PSDF EL STR	147	26465(7)	1.426392E+02	4.932769E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.830E+02	2.680E+02
PSDF EL STR	147	26466(3)	5.090091E+02	2.974117E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.336E+04	2.720E+02
PSDF EL STR	147	26466(5)	7.862653E+02	2.974348E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	5.100E+04	2.760E+02
PSDF EL STR	147	26466(7)	8.805268E+01	4.087905E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.377E+02	2.980E+02
PSDF EL STR	147	26467(3)	6.590930E+02	3.111112E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.048E+04	2.740E+02
PSDF EL STR	147	26467(5)	6.376768E+02	2.970493E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.148E+04	2.760E+02
PSDF EL STR	147	26467(7)	2.819195E+02	3.006911E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.982E+03	2.760E+02
PSDF EL STR	147	26468(3)	1.525274E+02	4.739349E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	6.466E+02	2.760E+02
PSDF EL STR	147	26468(5)	1.609955E+02	5.409636E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	5.043E+02	2.980E+02
PSDF EL STR	147	26468(7)	2.032254E+02	3.005266E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.264E+03	2.700E+02
PSDF EL STR	147	26469(3)	2.058750E+02	4.077214E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.655E+03	2.760E+02
PSDF EL STR	147	26469(5)	6.461552E+02	3.592372E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.818E+04	2.700E+02
PSDF EL STR	147	26469(7)	1.561483E+02	4.085644E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.111E+03	2.700E+02
PSDF EL STR	147	26470(3)	5.151043E+02	3.853402E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.137E+04	2.700E+02
PSDF EL STR	147	26470(5)	2.337813E+02	5.633492E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.676E+03	2.980E+02
PSDF EL STR	147	26470(7)	1.520303E+02	4.899128E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.488E+02	2.760E+02
PSDF EL STR	147	26471(3)	2.623373E+02	5.623478E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.697E+03	2.760E+02
PSDF EL STR	147	26471(5)	2.069933E+02	7.555837E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.678E+02	7.600E+02
PSDF EL STR	147	26471(7)	1.481907E+02	3.680171E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.117E+03	2.700E+02
PSDF EL STR	147	26472(3)	5.964530E+02	3.028738E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.601E+04	2.740E+02
PSDF EL STR	147	26472(5)	1.140767E+03	2.852335E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.725E+04	2.720E+02
PSDF EL STR	147	26472(7)	4.171724E+02	2.869646E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.694E+03	2.720E+02
PSDF EL STR	147	26473(3)	4.581455E+02	3.232528E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.053E+04	2.740E+02
PSDF EL STR	147	26473(5)	3.203648E+02	3.467507E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.961E+03	2.760E+02

Z AXIS PSD RESPONSE

X Y - O U T P U T S U M M A R Y (A U T C O R P S D F)

PLOT TYPE	CURVE FRAME TYPE NO.	CURVE ID.	RMS VALUE	NC. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX
PSDF EL STR	147	26473(7)	2.586615E+02	3.056392E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.956E+03	2.760E+02
PSDF EL FOR	147	22813(2)	1.095329E+01	4.224310E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.419E+00	2.620E+02
PSDF EL FOR	147	22813(3)	2.938085E+01	4.258132E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.210E+01	2.620E+02
PSDF EL FOR	147	22813(5)	1.289009E-02	3.375497E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.716E-06	1.056E+02
PSDF EL FOR	147	22813(6)	2.474703E-02	3.567341E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.359E-05	1.056E+02
PSDF EL FOR	147	22813(8)	4.669626E-03	4.417629E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.511E-07	2.640E+02
PSDF EL FOR	147	22813(9)	1.773253E-01	3.359539E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.983E-04	2.620E+02
PSDF EL FOR	147	22815(2)	6.153829E+00	4.535919E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.951E-01	5.060E+02
PSDF EL FOR	147	22815(3)	2.427969E+01	4.229511E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.164E+01	2.620E+02
PSDF EL FOR	147	22815(5)	3.356124E-02	4.689398E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.349E-05	5.060E+02
PSDF EL FOR	147	22815(6)	5.838102E-02	3.846203E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.760E-05	1.056E+02
PSDF EL FOR	147	22815(8)	5.163629E-02	6.768397E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.841E-05	6.820E+02
PSDF EL FOR	147	22815(9)	1.025190E-01	4.055368E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.026E-04	2.620E+02
PSDF EL FOR	147	22806(2)	1.080867E+01	4.473142E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.467E+00	5.060E+02
PSDF EL FOR	147	22806(3)	2.350204E+01	3.937509E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.330E+01	2.620E+02
PSDF EL FOR	147	22806(5)	3.956055E-02	3.250315E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.200E-05	2.620E+02
PSDF EL FOR	147	22806(6)	9.465475E-02	3.069598E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.482E-04	2.620E+02
PSDF EL FOR	147	22806(8)	1.132870E-02	5.632646E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.260E-06	2.620E+02
PSDF EL FOR	147	22806(9)	1.841515E-01	4.554136E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.147E-04	5.060E+02
PSDF EL FOR	147	22805(2)	5.730877E+00	4.941336E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.961E-01	5.040E+02
PSDF EL FOR	147	22805(3)	5.414478E+01	3.718253E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.830E+01	2.620E+02
PSDF EL FOR	147	22805(5)	8.849061E-02	3.885544E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.153E-04	2.620E+02
PSDF EL FOR	147	22805(6)	5.529305E-02	2.846786E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.479E-04	2.620E+02
PSDF EL FOR	147	22805(8)	6.374518E-02	3.681111E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.273E-04	2.620E+02

Z AXIS PSD RESPONSE

X Y - O U T P U T S U M M A R Y (A U T O R P S D F)

PLOT TYPE	CURVE FRAME NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX
PSDF EL FOR	147	22805(9)	1.634833E-01	4.604879E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.467E-04	3.960E+02
PSDF EL FOR	147	22801(2)	3.640866E+00	4.583483E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.153E-01	5.020E+02
PSDF EL FOR	147	22801(3)	3.618497E+01	3.731795E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.654E+01	2.620E+02
PSDF EL FOR	147	22801(5)	2.108819E-01	3.641165E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.285E-03	2.620E+02
PSDF EL FOR	147	22801(6)	8.139783E-02	3.370341E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.402E-04	2.620E+02
PSDF EL FOR	147	22801(8)	1.673099E-01	3.784907E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.628E-04	2.620E+02
PSDF EL FOR	147	22801(9)	4.040414E-02	4.419836E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.084E-05	3.960E+02
PSDF EL FOR	147	22742(2)	1.515537E+01	4.239438E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.569E+00	2.620E+02
PSDF EL FOR	147	22742(3)	3.098862E+00	4.815497E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.045E-01	5.020E+02
PSDF EL FOR	147	22742(5)	5.985770E-02	3.632221E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.096E-04	2.620E+02
PSDF EL FOR	147	22742(6)	2.900377E-02	5.674017E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.898E-06	2.620E+02
PSDF EL FOR	147	22742(8)	3.526576E-02	4.757867E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.640E-05	5.060E+02
PSDF EL FOR	147	22742(9)	5.518705E-02	5.400372E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.712E-05	5.060E+02
PSDF EL FOR	147	22743(2)	3.955595E+00	4.454236E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.553E-01	3.860E+02
PSDF EL FOR	147	22743(3)	7.717264E+00	4.354071E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.878E-01	2.620E+02
PSDF EL FOR	147	22743(5)	4.920775E-02	4.533683E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.981E-05	3.880E+02
PSDF EL FOR	147	22743(6)	2.060210E-02	5.601656E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.142E-06	4.020E+02
PSDF EL FOR	147	22743(8)	7.012069E-02	4.926000E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.970E-05	5.040E+02
PSDF EL FOR	147	22743(9)	5.567079E-02	4.910761E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.700E-05	2.640E+02
PSDF EL FOR	147	22744(2)	3.797260E+00	4.055863E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.282E-01	2.620E+02
PSDF EL FOR	147	22744(3)	6.195809E+00	4.354868E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.755E-01	2.620E+02
PSDF EL FOR	147	22744(5)	5.742834E-02	4.376874E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.618E-05	3.880E+02
PSDF EL FOR	147	22744(6)	3.046623E-02	4.922452E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	8.398E-06	5.040E+02
PSDF EL FOR	147	22744(8)	7.633874E-02	4.748750E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	6.013E-05	5.040E+02

2 AXIS PSD RESPONSE

X Y - O U T P U T S U M M A R Y (A U T O O R P S D F)										
PLOT TYPE	CURVE ID.	FRAME NO.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX
PSDF EL FOR	22744(9)	147	1.661036E-01	4.116454E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.956E-04	3.900E+02
PSDF EL FOR	22745(2)	147	1.302772E+01	4.326555E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.974E+00	3.840E+02
PSDF EL FOR	22745(3)	147	2.967900E+00	4.673309E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.802E-02	4.720E+02
PSDF EL FOR	22745(5)	147	1.785346E-02	4.003618E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.173E-06	2.620E+02
PSDF EL FOR	22745(6)	147	1.606178E-02	4.389052E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.918E-06	4.760E+02
PSDF EL FOR	22745(8)	147	5.107144E-02	4.598872E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.201E-05	3.840E+02
PSDF EL FOR	22745(9)	147	1.419085E-02	5.172289E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.307E-06	5.000E+02
PSDF EL FOR	22840(2)	147	3.107269E+01	4.259202E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.578E+01	3.840E+02
PSDF EL FOR	22840(3)	147	8.603506E+00	3.604606E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.132E-00	2.980E+02
PSDF EL FOR	22840(5)	147	1.020512E-01	5.013725E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.191E-04	4.780E+02
PSDF EL FOR	22840(6)	147	2.958824E-01	5.098859E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.814E-03	4.800E+02
PSDF EL FOR	22840(8)	147	3.599207E-01	5.494507E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.755E-03	4.800E+02
PSDF EL FOR	22840(9)	147	1.021346E-01	5.842474E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.366E-05	6.740E+02
PSDF EL FOR	22842(2)	147	3.497643E+01	4.226756E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.868E+01	3.840E+02
PSDF EL FOR	22842(3)	147	5.971416E+00	3.690544E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.816E-01	2.980E+02
PSDF EL FOR	22842(5)	147	6.395326E-02	5.398969E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	5.864E-05	4.800E+02
PSDF EL FOR	22842(6)	147	2.101767E-01	5.097784E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.965E-04	4.780E+02
PSDF EL FOR	22842(8)	147	3.982610E-01	5.433156E+02	1.000E+01	2.000E+03	0.000E-00	1.000E+01	2.216E-03	4.800E+02
PSDF EL FOR	22842(9)	147	4.212907E-02	5.605638E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.210E-05	5.800E+02
PSDF EL FOR	22844(2)	147	2.461987E+01	4.235374E+02	1.000E+01	2.000E+03	0.000E-00	1.000E+01	5.967E+00	3.860E+02
PSDF EL FOR	22844(3)	147	7.564055E+00	4.443341E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.691E-01	3.840E+02
PSDF EL FOR	22844(5)	147	2.275754E-02	4.449201E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.031E-06	4.780E+02
PSDF EL FOR	22844(6)	147	3.078534E-02	4.800924E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.090E-05	4.780E+02
PSDF EL FOR	22844(8)	147	5.531127E-02	5.036344E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.049E-05	4.780E+02

Z AXIS PSD RESPONSE

X Y - O J T P U T S U M M A R Y (A J T O R P S D F)

PLOT TYPE	CURVE FRAME NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX
PSDF EL FOR	147	22844(9)	6.139190E-02	5.178058E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.157E-05	4.800E+02
PSDF EL FOR	147	22838(2)	2.214934E+01	4.511989E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	5.363E+00	2.600E+02
PSDF EL FOR	147	22838(3)	4.031710E+00	3.263948E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	5.581E-01	1.056E+02
PSDF EL FOR	147	22838(5)	9.161347E-03	3.822730E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.973E-06	3.900E+02
PSDF EL FOR	147	22838(6)	4.271517E-03	4.723007E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.593E-07	4.740E+02
PSDF EL FOR	147	22838(8)	1.249707E-01	4.351647E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.812E-04	4.780E+02
PSDF EL FOR	147	22838(9)	4.448190E-02	4.254249E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.212E-05	3.880E+02
PSDF EL FOR	147	22832(2)	3.183631E+01	4.814900E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	9.498E+00	2.600E+02
PSDF EL FOR	147	22832(3)	7.514904E+00	2.431374E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	3.863E+00	1.480E+02
PSDF EL FOR	147	22832(5)	1.023923E-02	3.853773E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	2.037E-06	3.880E+02
PSDF EL FOR	147	22832(6)	4.980914E-03	3.730153E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	7.210E-07	1.480E+02
PSDF EL FOR	147	22832(8)	9.471047E-02	4.331751E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.169E-04	4.760E+02
PSDF EL FOR	147	22832(9)	8.010225E-03	4.817579E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.061E-06	4.780E+02
PSDF EL FOR	147	22774(2)	7.746315E+00	4.256205E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	8.472E-01	1.056E+02
PSDF EL FOR	147	22774(3)	4.449843E+00	3.856360E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	6.931E-01	1.480E+02
PSDF EL FOR	147	22774(5)	4.519839E-02	3.979596E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	6.387E-05	4.000E+02
PSDF EL FOR	147	22774(6)	1.771239E-02	4.013692E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.036E-05	4.000E+02
PSDF EL FOR	147	22774(8)	7.616791E-02	4.106903E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	6.330E-05	2.620E+02
PSDF EL FOR	147	22774(9)	1.405859E-01	3.968817E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	4.291E-04	2.620E+02
PSDF EL FOR	147	20021(2)	1.372806E+01	5.362027E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.706E+00	2.780E+02
PSDF EL FOR	147	20021(3)	4.174885E+00	2.669378E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.126E+00	1.480E+02
PSDF EL FOR	147	20021(5)	1.606210E-02	4.257826E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.185E-05	1.480E+02
PSDF EL FOR	147	20021(6)	1.729506E-02	4.877548E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	5.661E-06	5.000E+02
PSDF EL FOR	147	20021(8)	1.859165E-02	4.352053E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.865E-05	1.480E+02

EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)

MARCH 5, 1996 MSC/NASTRAN 8/24/94 PAGE 141

Z AXIS PSD RESPONSE

XY - O U T P U T S U M M A R Y (A U T O O R P S D F)

PLOT TYPE	CURVE FRAME NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	YMAX FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX
PSDF EL FOR	147	20021(9)	6.773073E-02	4.519650E+02	1.000E+01	2.000E+03	0.000E+00	1.096E-04	1.000E+01	1.096E-04	1.480E+02
PSDF EL FOR	147	20020(2)	1.722434E+01	5.624050E+02	1.000E+01	2.000E+03	0.000E+00	2.656E+00	1.000E+01	2.656E+00	2.600E+02
PSDF EL FOR	147	20020(3)	1.005893E+01	4.568636E+02	1.000E+01	2.000E+03	0.000E+00	4.500E+00	1.000E+01	4.500E+00	1.480E+02
PSDF EL FOR	147	20020(5)	1.812609E-02	3.743108E+02	1.000E+01	2.000E+03	0.000E+00	1.539E-05	1.000E+01	1.539E-05	1.480E+02
PSDF EL FOR	147	20020(6)	1.885665E-02	3.120620E+02	1.000E+01	2.000E+03	0.000E+00	2.393E-05	1.000E+01	2.393E-05	1.480E+02
PSDF EL FOR	147	20020(8)	1.444848E-02	4.593862E+02	1.000E+01	2.000E+03	0.000E+00	7.051E-06	1.000E+01	7.051E-06	1.480E+02
PSDF EL FOR	147	20020(9)	1.961759E-02	4.522062E+02	1.000E+01	2.000E+03	0.000E+00	7.898E-06	1.000E+01	7.898E-06	1.480E+02
PSDF EL FOR	147	2070(2)	3.759035E+00	2.200076E+02	1.000E+01	2.000E+03	0.000E+00	1.060E+00	1.000E+01	1.060E+00	1.480E+02
PSDF EL FOR	147	2070(3)	3.032232E+00	3.958893E+02	1.000E+01	2.000E+03	0.000E+00	3.419E-01	1.000E+01	3.419E-01	1.480E+02
PSDF EL FOR	147	2070(5)	2.335640E-02	3.130175E+02	1.000E+01	2.000E+03	0.000E+00	2.324E-05	1.000E+01	2.324E-05	1.480E+02
PSDF EL FOR	147	2070(6)	1.997697E-02	2.378490E+02	1.000E+01	2.000E+03	0.000E+00	3.355E-05	1.000E+01	3.355E-05	1.480E+02
PSDF EL FOR	147	2070(8)	1.732868E-02	6.480522E+02	1.000E+01	2.000E+03	0.000E+00	3.619E-06	1.000E+01	3.619E-06	2.700E+02
PSDF EL FOR	147	2070(9)	4.697845E-03	4.665840E+02	1.000E+01	2.000E+03	0.000E+00	3.447E-07	1.000E+01	3.447E-07	1.780E+02
PSDF EL FOR	147	20018(2)	1.742801E+01	4.897852E+02	1.000E+01	2.000E+03	0.000E+00	3.273E+00	1.000E+01	3.273E+00	3.000E+02
PSDF EL FOR	147	20018(3)	2.658101E+00	4.101579E+02	1.000E+01	2.000E+03	0.000E+00	1.153E-01	1.000E+01	1.153E-01	1.470E+02
PSDF EL FOR	147	20018(5)	2.840035E-02	2.380905E+02	1.000E+01	2.000E+03	0.000E+00	6.955E-05	1.000E+01	6.955E-05	1.480E+02
PSDF EL FOR	147	20018(6)	2.690522E-02	4.435548E+02	1.000E+01	2.000E+03	0.000E+00	1.712E-05	1.000E+01	1.712E-05	2.700E+02
PSDF EL FOR	147	20018(8)	9.675246E-03	4.185700E+02	1.000E+01	2.000E+03	0.000E+00	2.938E-06	1.000E+01	2.938E-06	1.480E+02
PSDF EL FOR	147	20018(9)	3.704247E-02	3.974167E+02	1.000E+01	2.000E+03	0.000E+00	4.348E-05	1.000E+01	4.348E-05	2.700E+02
PSDF EL FOR	147	20019(2)	2.993671E+01	4.851461E+02	1.000E+01	2.000E+03	0.000E+00	9.974E+00	1.000E+01	9.974E+00	1.480E+02
PSDF EL FOR	147	20019(3)	1.491363E+00	4.757037E+02	1.000E+01	2.000E+03	0.000E+00	2.671E-02	1.000E+01	2.671E-02	2.620E+02
PSDF EL FOR	147	20019(5)	3.647150E-02	2.024556E+02	1.000E+01	2.000E+03	0.000E+00	1.162E-04	1.000E+01	1.162E-04	1.480E+02
PSDF EL FOR	147	20019(6)	3.890248E-03	3.564768E+02	1.000E+01	2.000E+03	0.000E+00	9.349E-07	1.000E+01	9.349E-07	1.480E+02
PSDF EL FOR	147	20019(8)	1.691537E-02	3.361225E+02	1.000E+01	2.000E+03	0.000E+00	9.003E-06	1.000E+01	9.003E-06	1.480E+02

Z AXIS PSD RESPONSE

X Y - O U T P U T S U M M A R Y (A U T O O R P S D F)

PLT CURVE FRAME TYPE NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR* YMAX
PSDF EL FOR 147	20019(9)	1.184842E-01	3.459016E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.610E-04	2.220E+02
PSDF EL FOR 147	2049(2)	6.236674E+00	2.538669E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.869E+00	1.480E+02
PSDF EL FOR 147	2049(3)	1.192237E+01	5.050129E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.572E+00	3.000E+02
PSDF EL FOR 147	2049(5)	2.360383E-02	3.682041E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.453E-05	1.480E+02
PSDF EL FOR 147	2049(6)	1.242149E-02	2.590679E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.831E-06	1.480E+02
PSDF EL FOR 147	2049(8)	3.362240E-02	5.353273E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.825E-05	5.260E+02
PSDF EL FOR 147	2049(9)	1.026122E-02	5.047610E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.524E-06	1.480E+02
PSDF EL FOR 147	2050(2)	4.577967E+00	2.556622E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.438E+00	1.480E+02
PSDF EL FOR 147	2050(3)	1.227252E+01	1.876314E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.377E+01	1.480E+02
PSDF EL FOR 147	2050(5)	2.620101E-02	3.844248E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.915E-05	1.480E+02
PSDF EL FOR 147	2050(6)	2.382605E-02	2.760006E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.408E-05	1.480E+02
PSDF EL FOR 147	2050(8)	3.004488E-01	5.242664E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.238E-04	1.480E+02
PSDF EL FOR 147	2050(9)	1.761981E-02	5.332190E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.004E-06	5.260E+02
PSDF EL FOR 147	2051(2)	3.567489E+00	2.800221E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.588E-01	1.480E+02
PSDF EL FOR 147	2051(3)	3.953903E+00	4.540820E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.855E-01	1.480E+02
PSDF EL FOR 147	2051(5)	2.384309E-02	4.654204E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.621E-06	4.520E+02
PSDF EL FOR 147	2051(6)	1.387905E-02	4.256313E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.661E-06	1.960E+02
PSDF EL FOR 147	2051(8)	6.029693E-02	8.302669E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.434E-05	8.240E+02
PSDF EL FOR 147	2051(9)	4.622134E-03	5.262282E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.621E-07	4.520E+02
PSDF EL FOR 147	2052(2)	3.517091E+00	4.761859E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.269E-01	2.780E+02
PSDF EL FOR 147	2052(3)	1.384400E+01	4.605486E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.375E-00	2.780E+02
PSDF EL FOR 147	2052(5)	5.412533E-02	4.320982E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.775E-04	1.480E+02
PSDF EL FOR 147	2052(6)	2.127866E-02	4.233614E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.727E-05	1.480E+02
PSDF EL FOR 147	2052(8)	1.015613E-01	7.103954E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	9.479E-05	8.240E+02

ECS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)

MARCH 5, 1996 MSC/NASTRAN 8/24/94 PAGE 143

Z AXIS PSD RESPONSE

XY-OUTPUT SUMMARY (AUTOCORRPSDF)

PLOT TYPE	CURVE TYPE	FRAME NC.	CURVE ID.	RMS VALJE	NO. POSITIVE CROSSINGS	XMN FOR ALL DATA	XMAX FOR ALL DATA	YMN FOR ALL DATA	YMAX FOR ALL DATA	X FOR YMIN	Y FOR XMIN	X FOR YMAX
PSDF	EL FOR	147	2052(9)	3.967234E-03	7.348725E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.000E+01	1.545E-07	8.260E+02
PSDF	EL FOR	147	20024(2)	2.358534E+01	4.645567E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.000E+01	5.718E+00	2.780E+02
PSDF	EL FOR	147	20024(3)	3.223092E+00	3.723362E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.000E+01	5.333E-01	1.480E+02
PSDF	EL FOR	147	20024(5)	5.937902E-03	4.458788E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.000E+01	7.099E-07	2.780E+02
PSDF	EL FOR	147	20024(6)	3.482857E-03	2.089182E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.000E+01	5.745E-07	1.480E+02
PSDF	EL FOR	147	20024(8)	6.154842E-03	5.133295E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.000E+01	1.010E-06	1.480E+02
PSDF	EL FOR	147	20024(9)	1.355589E-01	5.485676E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.000E+01	2.837E-04	1.480E+02
PSDF	EL FOR	147	20025(2)	1.450145E+01	4.548830E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.000E+01	3.872E+00	2.780E+02
PSDF	EL FOR	147	20025(3)	2.752734E+00	4.271680E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.000E+01	1.089E-01	1.480E+02
PSDF	EL FOR	147	20025(5)	1.740563E-02	2.628622E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.000E+01	1.863E-05	1.480E+02
PSDF	EL FOR	147	20025(6)	2.056102E-02	4.062508E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.000E+01	2.329E-05	1.480E+02
PSDF	EL FOR	147	20025(8)	1.325191E-02	2.388105E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.000E+01	1.157E-05	1.480E+02
PSDF	EL FOR	147	20025(9)	3.127602E-02	4.707652E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.000E+01	4.294E-05	1.480E+02
PSDF	EL FOR	147	2226(2)	2.757165E+00	2.743095E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.000E+01	4.352E-01	1.480E+02
PSDF	EL FOR	147	2226(3)	1.080343E+00	3.990655E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.000E+01	2.466E-02	2.780E+02
PSDF	EL FOR	147	2226(5)	7.029443E-03	3.317042E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.000E+01	1.397E-06	1.480E+02
PSDF	EL FOR	147	2226(6)	3.155543E-02	2.148894E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.000E+01	6.696E-05	1.480E+02
PSDF	EL FOR	147	2226(8)	5.006273E-03	2.328670E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.000E+01	2.775E-06	1.480E+02
PSDF	EL FOR	147	2226(9)	1.606384E-02	2.964552E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.000E+01	4.375E-06	2.220E+02
PSDF	EL FOR	147	2227(2)	4.259664E+00	3.839603E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.000E+01	2.937E-01	1.480E+02
PSDF	EL FOR	147	2227(3)	7.754633E+00	4.657431E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.000E+01	8.602E-01	2.780E+02
PSDF	EL FOR	147	2227(5)	1.874368E-02	1.961759E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.000E+01	2.675E-05	1.480E+02
PSDF	EL FOR	147	2227(6)	3.626901E-02	2.097925E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.000E+01	8.431E-05	1.480E+02
PSDF	EL FOR	147	2227(8)	1.395581E-02	2.349181E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.000E+01	7.173E-06	1.480E+02

Z AXIS PSD RESPONSE

X Y - O U T P U T S U M M A R Y (A U T O O R P S D F)

PLOT TYPE	CURVE FRAME NC.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	YMAX FOR ALL DATA	X FOR YMIN	Y FOR ALL DATA	X FOR* YMAX
PSDF EL FOR	147	2227(9)	1.729516E-02	2.949587E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.000E+01	6.417E-06	1.480E+02
PSDF EL FOR	147	20023(2)	1.426750E+01	4.630685E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.000E+01	2.761E-00	2.780E+02
PSDF EL FOR	147	20023(3)	6.781572E+00	2.830295E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.000E+01	1.386E-00	1.480E+02
PSDF EL FOR	147	20023(5)	2.534413E-02	2.453162E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.000E+01	3.346E-05	1.480E+02
PSDF EL FOR	147	20023(6)	7.206861E-03	2.594682E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.000E+01	2.000E-06	1.480E+02
PSDF EL FOR	147	20023(8)	1.336671E-02	3.197017E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.000E+01	3.006E-06	2.780E+02
PSDF EL FOR	147	20023(9)	2.133458E-01	1.839681E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.000E+01	4.236E-03	1.480E+02
PSDF EL FOR	147	20022(2)	1.429062E+01	4.696416E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.000E+01	3.034E-00	2.780E+02
PSDF EL FOR	147	20022(3)	1.961350E+00	3.542677E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.000E+01	6.876E-02	1.056E+02
PSDF EL FOR	147	20022(5)	1.621353E-02	2.890218E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.000E+01	7.386E-06	2.780E+02
PSDF EL FOR	147	20022(6)	1.690066E-02	4.120826E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.000E+01	4.975E-06	4.980E+02
PSDF EL FOR	147	20022(8)	2.573450E-02	2.479969E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.000E+01	4.531E-05	1.480E+02
PSDF EL FOR	147	20022(9)	1.979893E-01	2.256295E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.000E+01	3.190E-03	1.480E+02
PSDF EL FOR	147	2092(2)	1.336082E+00	3.328273E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.000E+01	6.425E-02	1.056E+02
PSDF EL FOR	147	2092(3)	4.740483E+00	3.667753E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.000E+01	7.689E-01	1.480E+02
PSDF EL FOR	147	2092(5)	1.232183E-02	2.860099E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.000E+01	3.879E-06	1.820E+02
PSDF EL FOR	147	2092(6)	4.537126E-02	2.485122E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.000E+01	6.436E-05	1.820E+02
PSDF EL FOR	147	2092(8)	1.427129E-02	3.836482E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.000E+01	5.375E-06	1.480E+02
PSDF EL FOR	147	2092(9)	1.781661E-02	2.534902E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.000E+01	8.201E-06	1.840E+02
PSDF EL FOR	147	2091(2)	3.661438E+00	3.071755E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.000E+01	2.939E-01	1.480E+02
PSDF EL FOR	147	2091(3)	2.646903E+00	4.763519E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.000E+01	1.511E-01	2.220E+02
PSDF EL FOR	147	2091(5)	1.940737E-02	3.691694E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.000E+01	6.770E-06	1.820E+02
PSDF EL FOR	147	2091(6)	5.285882E-02	2.438278E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.000E+01	7.385E-05	1.820E+02
PSDF EL FOR	147	2091(8)	6.416881E-03	4.411802E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.000E+01	1.138E-06	1.480E+02

Z AXIS PSD RESPONSE

XY - O U T P U T S U M M A R Y (A U T O R P S D F)

PLOT TYPE	CURVE ID.	FRAME NC.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX
PSDF EL FOR	2091(9)	147	2.117415E-02	2.651917E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.695E-05	1.480E+02
PSDF EL FOR	2090(2)	147	4.161731E+00	2.495869E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.503E-01	1.480E+02
PSDF EL FOR	2090(3)	147	9.716574E+00	2.043603E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.822E-00	1.480E+02
PSDF EL FOR	2090(5)	147	2.340229E-02	3.106711E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.274E-05	1.480E+02
PSDF EL FOR	2090(6)	147	4.948563E-02	1.937765E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.274E-04	1.480E+02
PSDF EL FOR	2090(8)	147	1.257593E-02	3.001267E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.712E-06	1.480E+02
PSDF EL FOR	2090(9)	147	2.339017E-02	2.357219E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.173E-05	1.480E+02
PSDF EL FOR	2089(2)	147	4.622858E+00	3.284704E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.065E-01	1.056E+02
PSDF EL FOR	2089(3)	147	8.808878E+00	1.938307E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.203E-00	1.480E+02
PSDF EL FOR	2089(5)	147	8.801728E-03	3.337809E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.371E-06	1.480E+02
PSDF EL FOR	2089(6)	147	2.589992E-02	1.859091E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.415E-05	1.480E+02
PSDF EL FOR	2089(8)	147	1.001487E-02	4.328845E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.673E-06	1.480E+02
PSDF EL FOR	2089(9)	147	1.316933E-02	2.226523E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.441E-05	1.480E+02
PSDF EL FOR	3266(2)	147	3.956341E+00	4.369931E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.802E-01	1.480E+02
PSDF EL FOR	3266(3)	147	6.711183E+00	3.894878E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	7.008E-01	2.980E+02
PSDF EL FOR	3266(5)	147	1.541835E-02	3.991825E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.064E-06	2.280E+02
PSDF EL FOR	3266(6)	147	5.371265E-02	3.251726E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.302E-05	2.300E+02
PSDF EL FOR	3266(8)	147	3.404120E-02	4.108087E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.225E-05	2.280E+02
PSDF EL FOR	3266(9)	147	8.159181E-02	3.842398E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.497E-04	2.300E+02
PSDF EL FOR	3268(2)	147	3.367486E+00	3.721770E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.602E-01	2.980E+02
PSDF EL FOR	3268(3)	147	3.632893E+00	4.529174E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.001E-01	1.049E+02
PSDF EL FOR	3268(5)	147	1.198204E-01	3.849164E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.183E-04	2.280E+02
PSDF EL FOR	3268(6)	147	4.070024E-02	4.189285E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.733E-05	2.300E+02
PSDF EL FOR	3268(8)	147	2.662184E-01	4.224043E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.139E-03	2.300E+02

Z AXIS PSD RESPONSE

X Y - O U T P U T S U M M A R Y (A U T O O R P S D F)										
PLOT TYPE	CURVE FRAME NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX
PSDF EL FOR	147	3268(9)	5.222167E-02	4.668984E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.805E-05	5.180E+02
PSDF EL FOR	147	3271(2)	2.813590E+00	4.429803E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	8.253E-02	1.049E+02
PSDF EL FOR	147	3271(3)	9.451727E+00	3.358936E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.883E+00	2.980E+02
PSDF EL FOR	147	3271(5)	2.177971E-02	4.777692E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.069E-05	4.000E+02
PSDF EL FOR	147	3271(6)	6.883805E-02	4.782712E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.101E-04	4.000E+02
PSDF EL FOR	147	3271(8)	4.393299E-02	4.700675E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	4.446E-05	5.100E+02
PSDF EL FOR	147	3271(9)	3.595504E-01	4.822768E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.606E-03	5.120E+02
PSDF EL FOR	147	3273(2)	4.110563E+00	3.590701E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.535E-01	1.480E+02
PSDF EL FOR	147	3273(3)	1.034001E+01	3.467438E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.973E+00	2.620E+02
PSDF EL FOR	147	3273(5)	1.224271E-01	4.988447E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.127E-04	5.180E+02
PSDF EL FOR	147	3273(6)	2.558362E-02	4.836798E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.058E-05	5.200E+02
PSDF EL FOR	147	3273(8)	1.370931E-01	4.980954E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	6.406E-04	5.140E+02
PSDF EL FOR	147	3273(9)	5.825626E-02	4.937537E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.059E-04	5.180E+02
PSDF EL FOR	147	26422(2)	5.142481E+00	3.830336E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	5.104E-01	1.056E+02
PSDF EL FOR	147	26422(3)	4.764598E+00	5.387025E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	2.384E-01	2.780E+02
PSDF EL FOR	147	26422(5)	1.254244E-02	4.038708E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.411E-06	2.760E+02
PSDF EL FOR	147	26422(6)	3.851900E-02	3.976870E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	3.608E-05	2.760E+02
PSDF EL FOR	147	26422(8)	8.252015E-03	3.428582E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.753E-06	1.480E+02
PSDF EL FOR	147	26422(9)	3.553579E-02	4.615283E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.947E-05	5.020E+02

EOS/AMSU-A2 STRUCTURAL MODEL
QUAL. LEVEL RANDOM VIBRATION (9.97 GRMS)

Z AXIS PSD RESPONSE

MARCH 6, 1996 MSC/NASTRAN 8/24/94 PAGE 6

X Y - C U T P U T S U M M A R Y (A J T O O R P S D F)

PLOT TYPE	CURVE FRAME NO.	CURVE ID.	RMS VALUE	NO. POSITIVE CROSSINGS	XMIN FOR ALL DATA	XMAX FOR ALL DATA	YMIN FOR ALL DATA	YMAX FOR ALL DATA	X FOR YMIN	YMAX FOR ALL DATA	X FOR YMAX
PSDF EL FOR	0	22894 (2)	1.401273E+02	4.318336E+02	1.000E-01	2.000E+03	0.000E+00	1.000E+01	1.000E+01	3.903E+02	2.620E+02
PSDF EL FOR	0	22895 (2)	9.701310E+01	3.670461E+02	1.000E-01	2.000E+03	0.000E-00	1.000E-01	1.000E-01	2.601E+02	2.620E+02
PSDF EL FOR	0	22896 (2)	2.393051E+02	3.795768E+02	1.000E+01	2.000E+03	0.000E-00	1.000E+01	1.000E+01	1.176E+03	2.620E+02
PSDF EL FOR	0	22897 (2)	1.838086E+02	4.202088E+02	1.000E-01	2.000E+03	0.000E-00	1.000E+01	1.000E+01	5.104E+02	3.840E+02
PSDF EL FOR	0	22898 (2)	7.135179E+01	4.242054E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.000E+01	6.682E+01	3.840E+02
PSDF EL FOR	0	22899 (2)	6.452679E+01	4.383554E+02	1.000E-01	2.000E+03	0.000E-00	1.000E+01	1.000E+01	4.064E+01	2.600E+02
PSDF EL FOR	0	22900 (2)	6.792372E+01	4.825049E+02	1.000E-01	2.000E+03	0.000E-00	1.000E-01	1.000E-01	3.944E+01	2.600E+02
PSDF EL FOR	0	22901 (2)	1.151047E+02	4.776569E+02	1.000E-01	2.000E+03	0.000E-00	1.000E-01	1.000E-01	3.712E+02	1.470E+02
PSDF EL FOR	0	22902 (2)	1.165958E+02	4.552197E+02	1.000E+01	2.000E+03	0.000E+00	1.000E-01	1.000E-01	2.997E+02	1.480E+02
PSDF EL FOR	0	22903 (2)	1.075516E+02	4.830013E+02	1.000E+01	2.000E+03	0.000E+00	1.000E+01	1.000E+01	1.974E+02	2.780E+02
PSDF EL FOR	0	22904 (2)	1.069819E+02	5.063051E+02	1.000E-01	2.000E+03	0.000E+00	1.000E-01	1.000E-01	1.531E+02	2.780E+02



National Aeronautics and
Space Administration

Report Documentation Page

1. Report No. ---	2. Government Accession No. ---	3. Recipient's Catalog No. ---	
4. Title and Subtitle Advanced Microwave Sounding Unit-A (AMSU-A), EOS Stress Analysis Report		5. Report Date 1 April 1996	
		6. Performing Organization Code ---	
7. Author(s) B. Morris		8. Performing Organization Report No. 10515	
		10. Work Unit No. ---	
9. Performing Organization Name and Address Aerojet 1100 W. Hollyvale Azusa, CA 91702		11. Contract or Grant No. NAS 5-32314	
		13. Type of Report and Period Covered Final	
12. Sponsoring Agency Name and Address NASA Goddard Space Flight Center Greenbelt, Maryland 20771		14. Sponsoring Agency Code ---	
15. Supplementary Notes ---			
16. ABSTRACT (Maximum 200 words) This is the E Stress Analysis Report for the Advanced Microwave Sounding Unit-A (AMSU-A).			
17. Key Words (Suggested by Author(s)) EOS Microwave System		18. Distribution Statement Unclassified --- Unlimited	
19. Security Classif. (of this report) Unclassified	20. Security Classif. (of this page) Unclassified	21. No. of pages 315	22. Price ---

NASA FORM 1626 OCT 86

PREPARATION OF THE REPORT DOCUMENTATION PAGE

The last page of a report facing the third cover is the Report Documentation Page, RDP. Information presented on this page is used in announcing and cataloging reports as well as preparing the cover and title page. Thus, it is important that the information be correct. Instructions for filling in each block of the form are as follows:

Block 1. Report No. NASA report series number, if preassigned.

Block 2. Government Accession No. Leave blank.

Block 3. Recipient's Catalog No. Reserved for use by each report recipient.

Block 4. Title and Subtitle. Typed in caps and lower case with dash or period separating subtitle from title.

Block 5. Report Date. Approximate month and year the report will be published.

Block 6. Performing Organization Code. Leave blank.

Block 7. Authors. Provide full names exactly as they are to appear on the title page. If applicable, the word editor should follow a name.

Block 8. Performing Organization Report No. NASA Installation report control number and, if desired, the non-NASA performing organization report control number.

Block 9. Performing Organization Name and Address. Provide affiliation (NASA program office, NASA installation, or contractor name) of authors.

Block 10. Work Unit No. Provide Research and Technology Objectives and Plants (RTOP) number.

Block 11. Contract or Grant No. Provide when applicable.

Block 12. Sponsoring Agency Name and Address. National Aeronautics and Space Administration, Washington, D.C. 20546-0001. If contractor report, add NASA Installation or HQ program office.

Block 13. Type of Report and Period Covered. NASA formal report series; for Contractor Report also list type (interim, final) and period covered when applicable.

Block 14. Sponsoring Agency Code. Leave blank.

Block 15. Supplementary Notes. Information not included

elsewhere: affiliation of authors if additional space is required for Block 9, notice of work sponsored by another agency, monitor of contract, information about supplements (file, data tapes, etc.) meeting site and date for presented papers, journal to which an article has been submitted, note of a report made from a thesis, appendix by author other than shown in Block 7.

Block 16. Abstract. The abstract should be informative rather than descriptive and should state the objectives of the investigation, the methods employed (e.g., simulation, experiment, or remote sensing), the results obtained, and the conclusions reached.

Block 17. Key Words. Identifying words or phrases to be used in cataloging the report.

Block 18. Distribution Statement. Indicate whether report is available to public or not. If not to be controlled, use "Unclassified-Unlimited." If controlled availability is required, list the category approved on the Document Availability Authorization Form (see NHB 2200.2, Form FF427). Also specify subject category (see "Table of Contents" in a current issue of STAR) in which report is to be distributed.

Block 19. Security Classification (of the report). Self-explanatory.

Block 20. Security Classification (of this page). Self-explanatory.

Block 21. No. of Pages. Count front matter pages beginning with iii, text pages including internal blank pages, and the RDP, but not the title page or the back of the title page.

Block 22. Price Code. If Block 18 shows "Unclassified-Unlimited," provide the NTIS price code (see "NTIS Price Schedules" in a current issue of STAR) and at the bottom of the form add either "For sale by the National Technical Information Service, Springfield, VA 22161-2171" or "For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402-0001," whichever is appropriate.

REPORT DOCUMENTATION PAGE			<i>Form Approved</i> <i>OMB No. 0704-0188</i>	
Public reporting burden for this collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503.				
1. AGENCY USE ONLY (Leave blank)		2. REPORT DATE	3. REPORT TYPE AND DATES COVERED	
4. TITLE AND SUBTITLE Advanced Microwave Sounding Unit -A (AMSU-A), EOS Stress Analysis Report			5. FUNDING NUMBERS NAS 5-32314	
6. AUTHOR(S) B. Morris				
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) Aerojet 1100 W. Hollyvale Azusa, CA 91702			8. PERFORMING ORGANIZATION REPORT NUMBER CDRL 113 10515 1 April 1966	
9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES) NASA Goddard Space Flight Center Greenbelt, Maryland 20771			10. SPONSORING/MONITORING AGENCY REPORT NUMBER ---	
11. SUPPLEMENTARY NOTES ---				
12a. DISTRIBUTION/AVAILABILITY STATEMENT ---			12b. DISTRIBUTION CODE ---	
13. ABSTRACT (Maximum 200 words) This is the EOS Stress Analysis Report for the Integrated Advanced Microwave Sounding Unit-A (AMSU-A)				
14. SUBJECT TERMS EOS Microwave System			15. NUMBER OF PAGES 315	
			16. PRICE CODE ---	
17. SECURITY CLASSIFICATION OF REPORT Unclassified	18. SECURITY CLASSIFICATION OF THIS PAGE Unclassified	19. SECURITY CLASSIFICATION OF ABSTRACT Unclassified	20. LIMITATION OF ABSTRACT SAR	

GENERAL INSTRUCTIONS FOR COMPLETING SF 298

The Report Documentation Page (RDP) is used in announcing and cataloging reports. It is important that this information be consistent with the rest of the report, particularly the cover and title page. Instructions for filling in each block of the form follow. It is important to stay within the lines to meet optical scanning requirements.

Block 1. Agency Use Only (Leave blank)

Block 2. Report Date. Full publication date including day, month, and year, if available (e.g., 1 Jan 88). Must cite at least the year.

Block 3. Type of Report and Dates Covered. State whether report is interim, final, etc. If applicable, enter inclusive report dates (e.g., 10 Jun 87 - 30 Jun 88).

Block 4. Title and Subtitle. A title is taken from the part of the report that provides the most meaningful and complete information. When a report is prepared in more than one volume, report the primary title, add volume number, and include subtitle for the specific volume. On classified documents enter the title classification in parentheses.

Block 5. Funding Numbers. To include contract and grant numbers; may include program element number(s), project number(s), tasks number(s), and work unit number(s). Use the following labels:

C	-	Contract	PR	-	Project
G	-	Grant	TA	-	Task
PE	-	Program	WU	-	Work Unit
		Element			Accession No.

Block 6. Author(s). Name(s) of person(s) responsible for writing the report, performing the research, or credited with the content of the report. If editor or compiler, this should follow the name(s).

Block 7. Performing Organization Name(s) and Address(es). Self-explanatory.

Block 8. Performing Organization Report Number. Enter the unique alphanumeric report number(s) assigned by the organization performing the report.

Block 9. Sponsoring/Monitoring Agency Name(s) and Address(es). Self-explanatory.

Block 10. Sponsoring/Monitoring Agency Reports Number. (if known).

Block 11. Supplementary Notes. Enter information not included elsewhere such as: Prepared in cooperation with ...; Trans. of ...; To be published in ... When a report is revised, include a statement whether the new report supersedes or supplements the older report.

Block 12.a Distribution/Availability Statement. Denotes public availability or limitations. Cite any availability to the public. Enter additional limitations or special markings in all capitals (e.g., NOFORN, REL, ITAR).

DOD - See DoDD 5230.24 "Distribution Statement on Technical Documents"

DOE - See authorities.

NASA - See Handbook NHB 2200.2.

NTIS - Leave blank.

Block 12.b Distribution Code.

DOD - Leave blank.

DOE - Enter DOE distribution categories from the standard Distribution for Unclassified Scientific and Technical Reports.

NASA - Leave blank.

NTIS - Leave blank.

Block 13. Abstract. Include a brief (Maximum 200 words) factual summary of the most significant information contained in the report.

Block 14. Subject Terms. Keywords or phrases identifying major subjects in the report.

Block 15. Number of Pages. Enter the total number of pages.

Block 16. Price Code. Enter appropriate price code (NTIS only).

Block 17 - 19. Security Classifications. Self-explanatory. Enter U.S. Security Classification in accordance with U.S. Security Regulations (i.e., UNCLASSIFIED). If form contains classified information, stamp classification on the top and bottom of the page.

Block 20. Limitation of Abstract. This block must be completed to assign a limitation to the abstract. Enter either UL (unlimited) or SAR (same as report). An entry in this block is necessary if the abstract is to be limited. If blank, the abstract is assumed to be unlimited.

TITLE Advanced Microwave Sounding Unit-A (AMSU-A) EOS Stress Analysis Report			DOCUMENT NUMBER Report 10515 1 April 1996	
INPUT FROM:	DATE	CDRL:	SPECIFICATION ENGINEER:	DATE
		113	R. Regehr	27 Mar 96
CHECKED BY:		DATE	JOB NUMBER: DATE	
J. Kirk		27 Mar 96		
APPROVAL SIGNATURES			DEPT. NO.	DATE
Responsible Engineer (B. Morris) <u><i>B. Morris</i></u>			8611	
Technical Director/Program Office (R. Hauerwaas) <u><i>R. Hauerwaas</i></u>			4001	3/28/96
Performance Assurance (R. Taylor) <u><i>R. Taylor</i></u>			5331	3-28-96
Configuration Management (J. Cavanaugh) <u><i>J. Cavanaugh</i></u>			8611	3-28-96
By my signature, I certify the above document has been reviewed by me and concurs with the technical requirements related to my area of responsibility.				
RELEASE (Data Center) FINAL				
Please return this sheet and the reproducible master to the Data Center (119/8651), ext. 2231.				

